



RECEIVED

AUG 20 2004

DIV. OF OIL, GAS &amp; MINING

August 19, 2004

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 1-13-9-16, 2-13-9-16, 5-13-9-16, 6-13-9-16, 7-13-9-16, 8-13-9-16, 9-13-9-16, 10-13-9-16, 11-13-9-16, 12-13-9-16, 13-13-9-16, 14-13-9-16, 15-13-9-16, and 16-13-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The 8-13-9-16 and 13-13-9-16 are Exception Locations. I have contacted our Land Department in the Denver office and they will be providing you with the appropriate Exception Location Letters. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

*Mandie Crozier*  
Mandie Crozier  
Regulatory Specialist

mc  
enclosures

001

RECEIVED  
AUG 20 2004Form 3160-3  
(September 2001)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DIV. OF OIL, GAS &amp; MINING

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

## APPLICATION FOR PERMIT TO DRILL OR REENTER

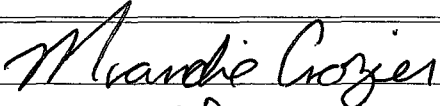

5. Lease Serial No. UTU-64805
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 11-13-9-16
9. API Well No. 43-013-32652
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area NE/SW Sec. 13, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		
2. Name of Operator Inland Production Company		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SW 1855' FSL 2103' FWL 579447X 40.02877 At proposed prod. zone 4431155Y -110.66891		
14. Distance in miles and direction from nearest town or post office* Approximatley 20.0 miles south of Myton, Utah		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1,855' flse, NA f/unit	16. No. of Acres in lease 560.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,199'	19. Proposed Depth 6500'	20. BLM/BIA Bond No. on file UTU0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5444' GL	22. Approximate date work will start* 1st Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/19/04
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III	Date 08-25-04
Title		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

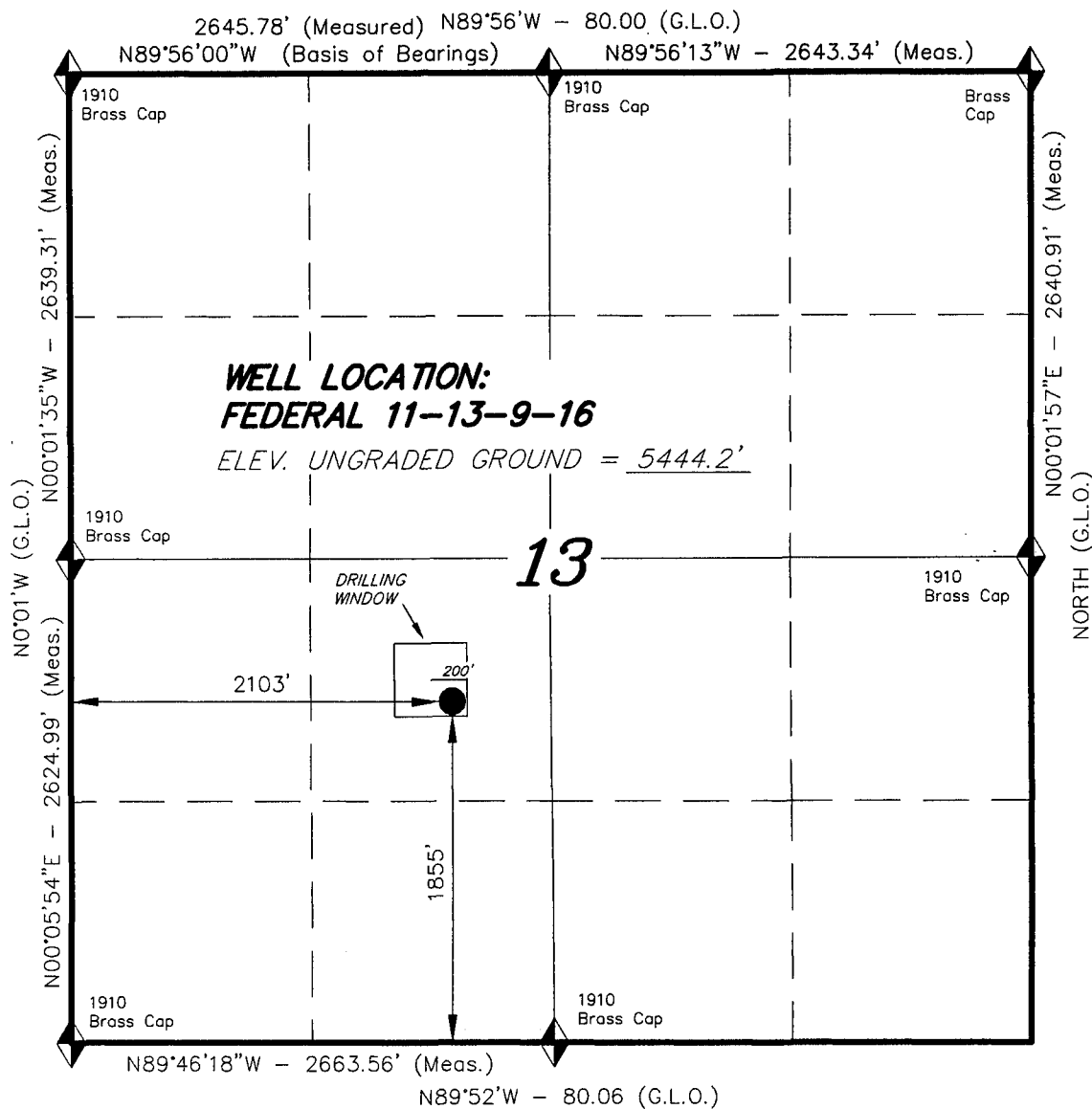
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this  
Action is Necessary

**T9S, R16E, S.L.B.&M.**

**INLAND PRODUCTION COMPANY**



WELL LOCATION, FEDERAL 11-13-9-16,  
 LOCATED AS SHOWN IN THE NE 1/4 SW  
 1/4 OF SECTION 13, T9S, R16E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
 MADE BY ME OR UNDER MY SUPERVISION AND THAT  
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
 MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 189377  
 STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**  
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
 (435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 7-15-04

DRAFTED BY: F.T.M.

NOTES:

FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

INLAND PRODUCTION COMPANY  
FEDERAL #11-13-9-16  
NE/SW SECTION 13, T9S, R16E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 1640'
Green River	1640'
Wasatch	5820'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1640' - 6500' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.



**INLAND PRODUCTION COMPANY  
FEDERAL #11-13-9-16  
NE/SW SECTION 13, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Federal #11-13-9-16 located in the NE 1/4 SW 1/4 Section 13, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 14.6 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 3.4 miles  $\pm$  to it's junction with an existing road to the north; proceed northerly - 0.4 miles  $\pm$  to it's junction with the beginning of the proposed access road to the west; proceed westerly along the proposed access road - 3,015'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the Monument Butte Field SOP. See Exhibit "A".

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-44, 5/5/03. Paleontological Resource Survey prepared by, Wade E. Miller, 4/7/04. See attached report cover pages, Exhibit "D".

For the Federal #11-13-9-16 Inland Production Company requests 3,015' of disturbed area be granted in Lease UTU-64805 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Inland Production Company requests 3,015' of disturbed area be granted in Lease UTU-64805 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Inland Production Company requests a 610' of disturbed area be granted in Lease UTU-75039 and 4,665' of disturbed area be granted in Lease UTU-64805 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**

**Inactive Nest:** Dixie Saddler to advise.

**Burrowing Owl:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction

surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

**Reserve Pit Liner**

Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale	<i>Atriplex Confertifolia</i>	4 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	4 lbs/acre
Crested Wheat Grass		4 lbs/acre

**Details of the On-Site Inspection**

The proposed Federal #11-13-9-16 was on-sited on 5/19/04. The following were present; Brad Mecham (Inland Production), David Gerbig (Inland Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear at 70 degrees.

**13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Brad Mecham  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

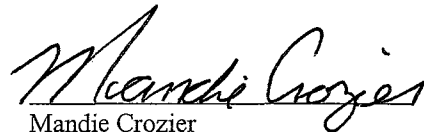
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #11-13-9-16 NE/SW Section 13, Township 9S, Range 16E: Lease UTU-64805 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/19/04

Date

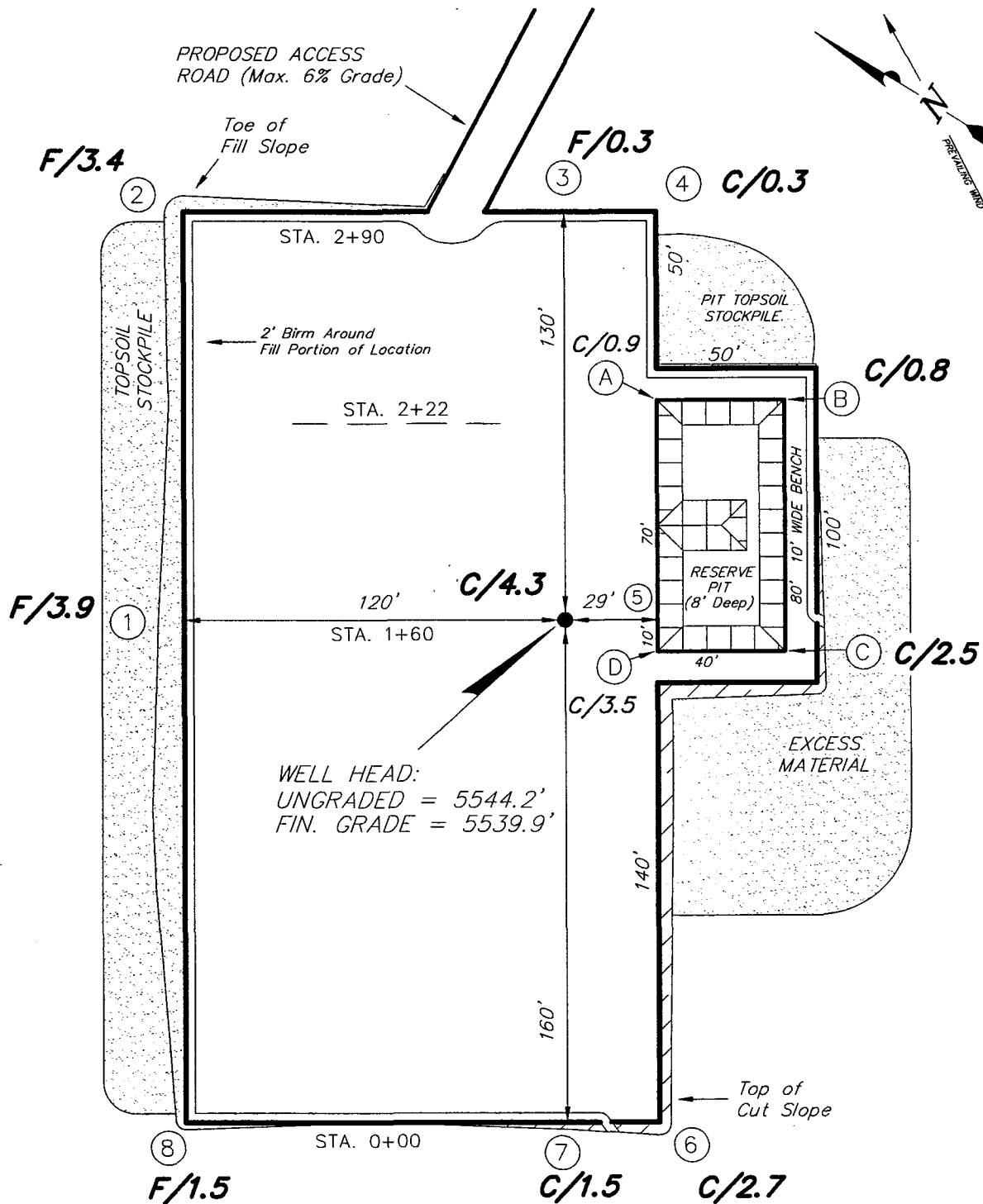


Mandie Crozier  
Regulatory Specialist

# INLAND PRODUCTION COMPANY

FEDERAL 11-13-9-16

Section 13, T9S, R16E, S.L.B.&M.



## REFERENCE POINTS

210' SOUTHWEST = 5542.2'  
 260' SOUTHWEST = 5542.3'  
 170' NORTHWEST = 5529.3'  
 220' NORTHWEST = 5532.6'

SURVEYED BY: D.J.S.

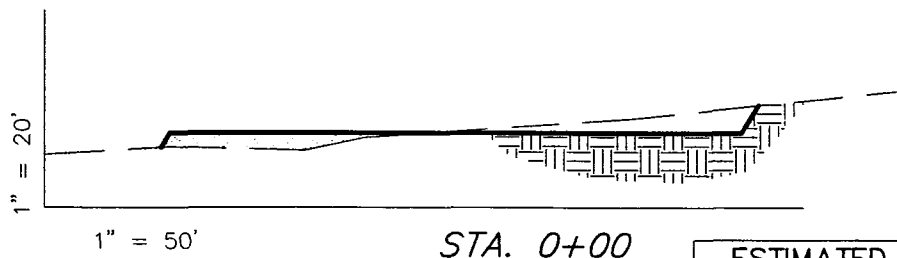
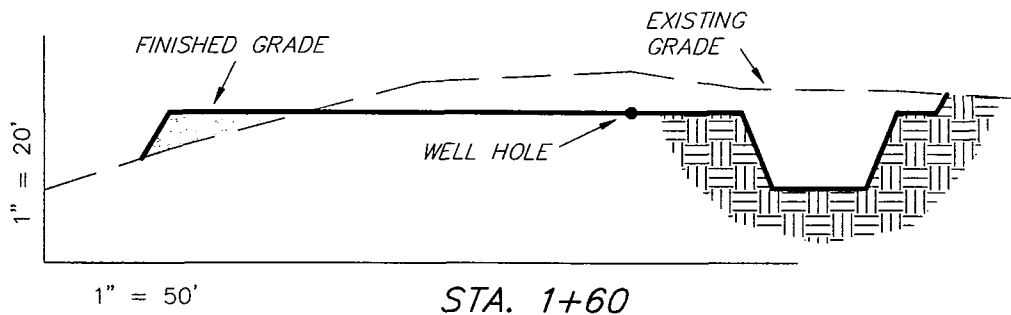
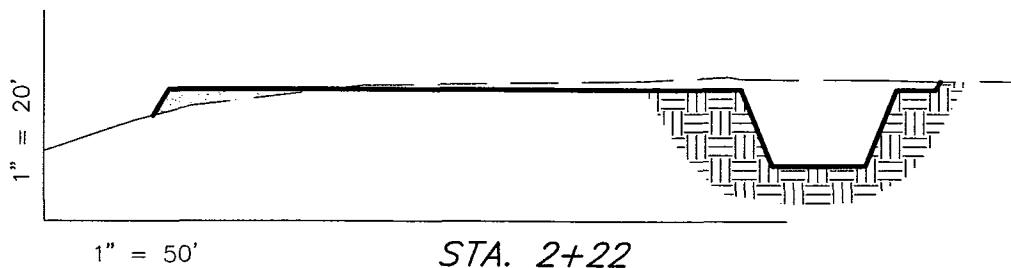
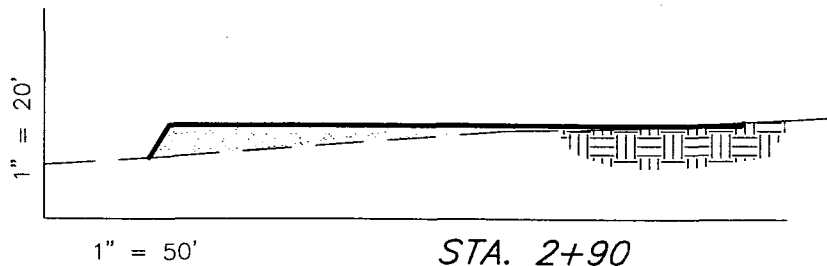
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-15-04

**Tri State**  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 (435) 781-2501

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**FEDERAL 11-13-9-16**



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

**ESTIMATED EARTHWORK QUANTITIES**  
(No Shrink or swell adjustments have been used)  
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,720	1,710	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	2,360	1,710	890	650

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-15-04

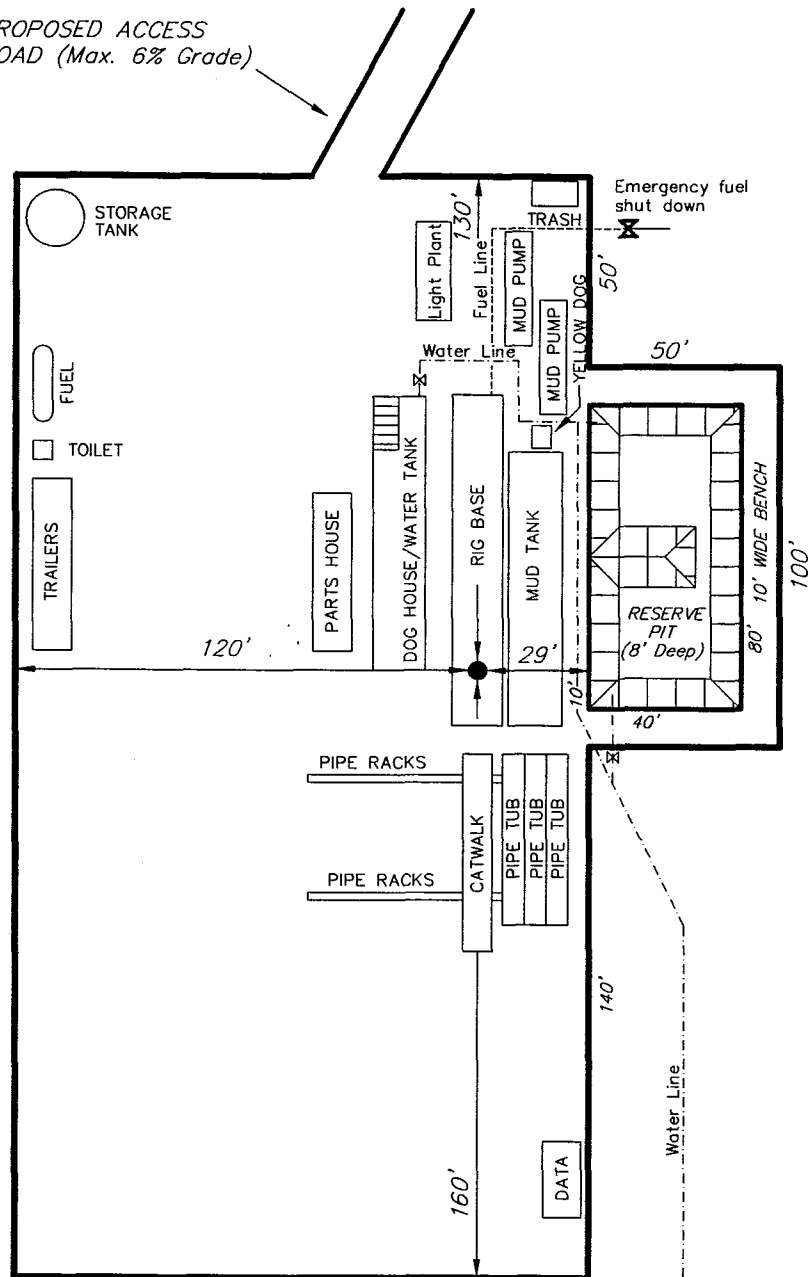
**Tri State**  
**Land Surveying, Inc.**  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

FEDERAL 11-13-9-16

PROPOSED ACCESS  
ROAD (Max. 6% Grade)



SURVEYED BY: D.J.S.

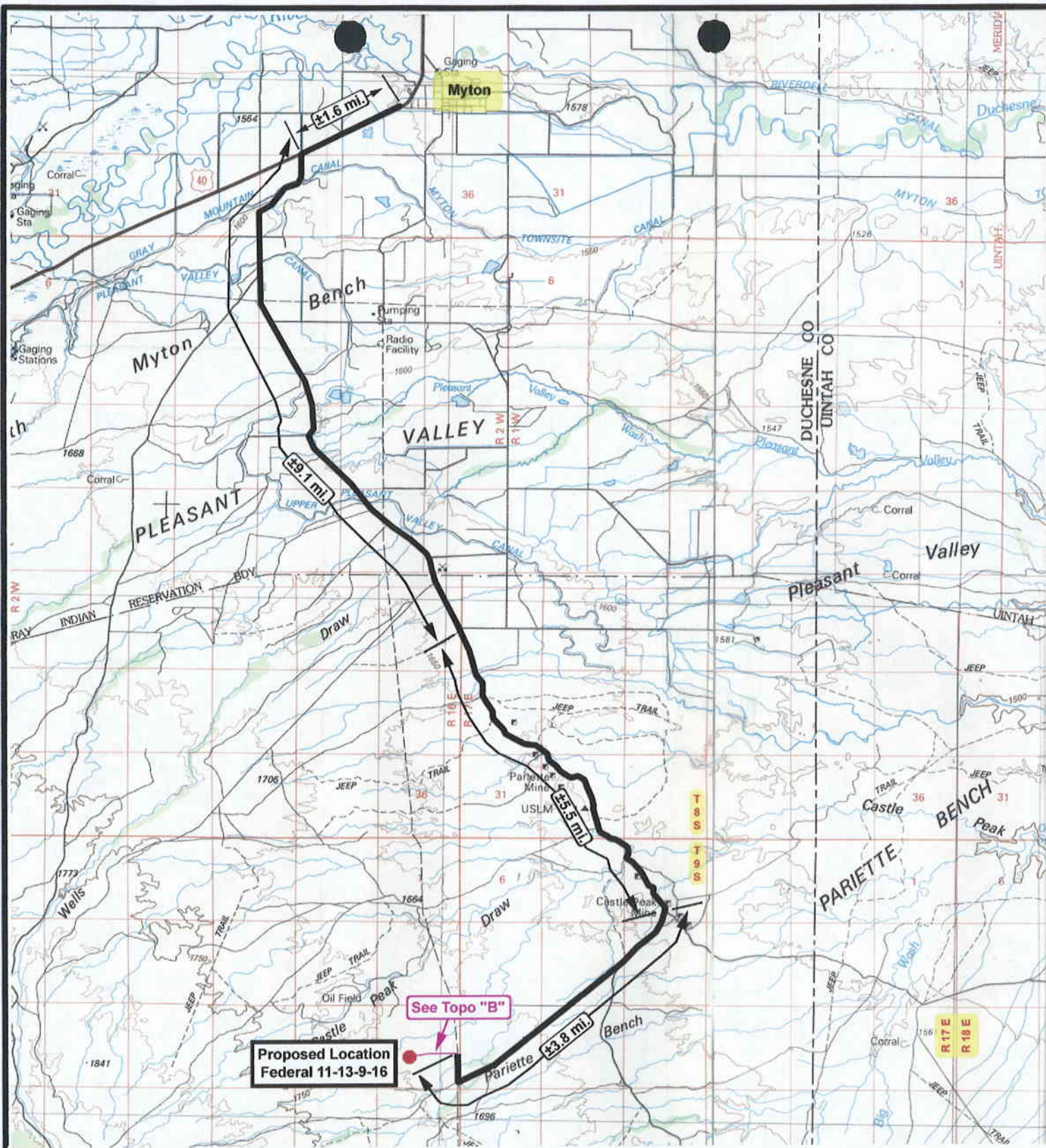
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-15-04

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501





**Federal 11-13-9-16  
SEC. 13, T9S, R16, S.L.B.&M.**



**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1 : 100,000  
DRAWN BY: bgm  
DATE: 07-16-2004

### Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

**"A"**

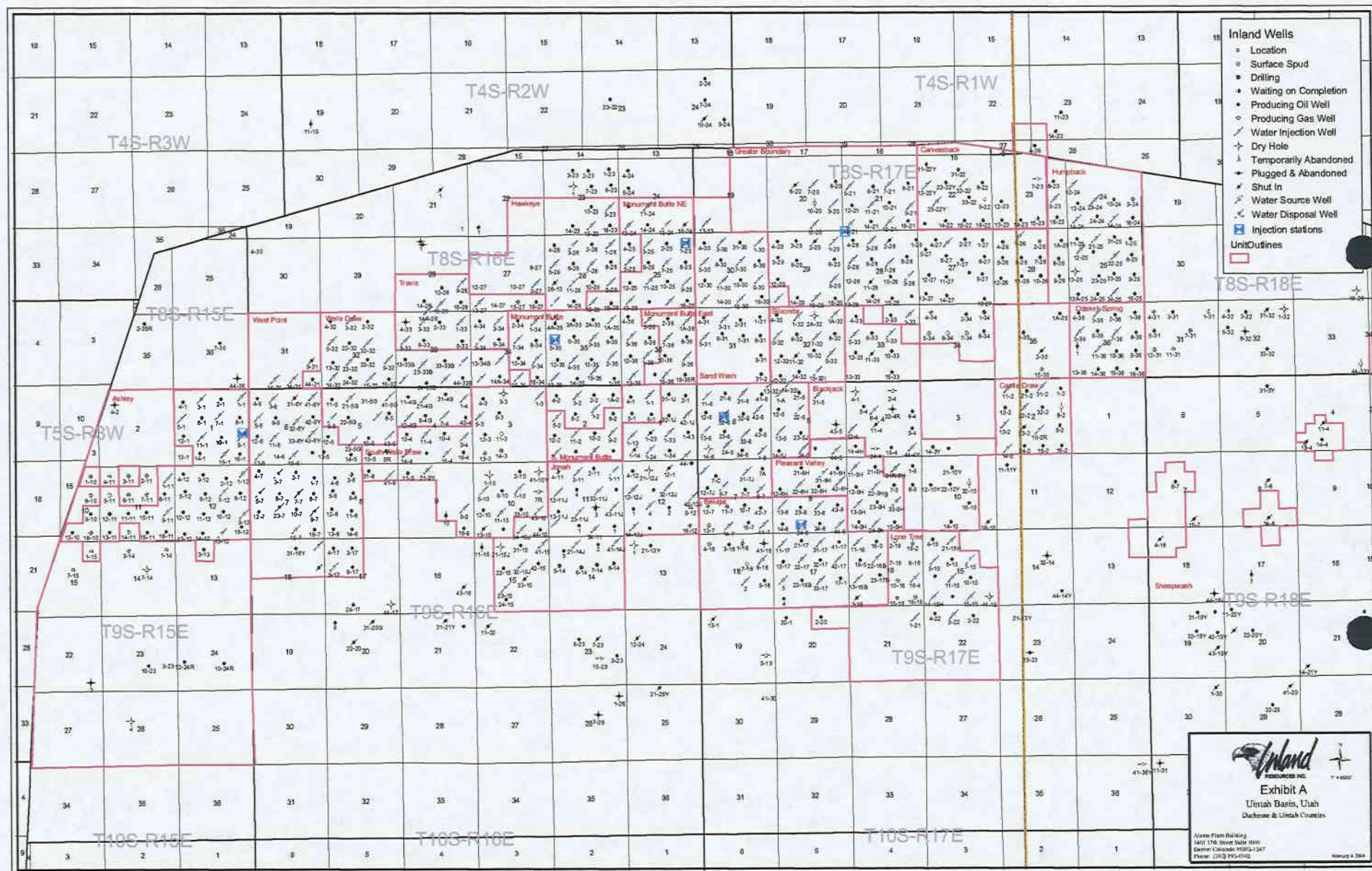




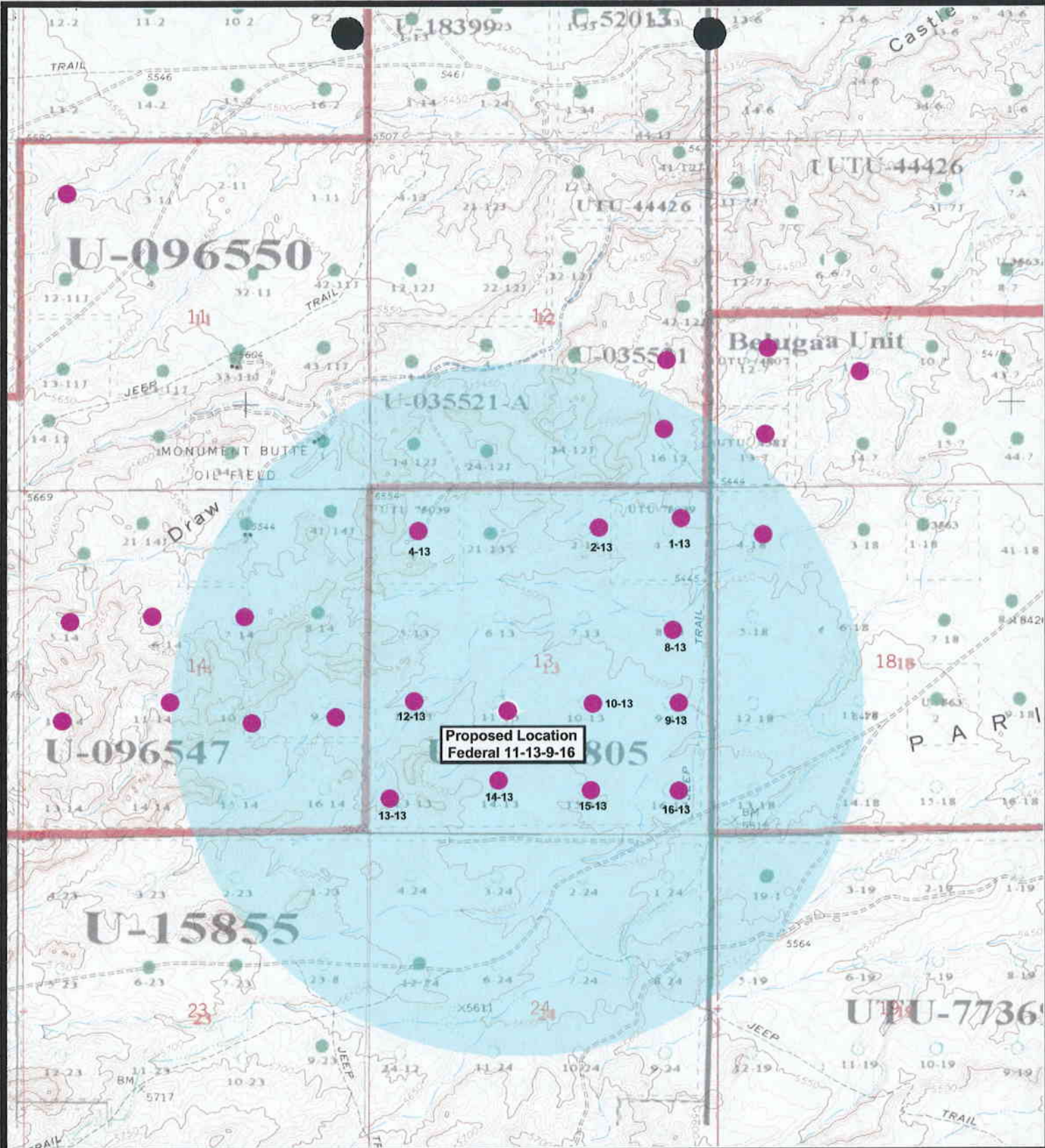












**Federal 11-13-9-16  
SEC. 13, T9S, R16E, S.L.B.&M.**



**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'  
DRAWN BY: bgm  
DATE: 07-05-2004

**Legend**

- Well Locations
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

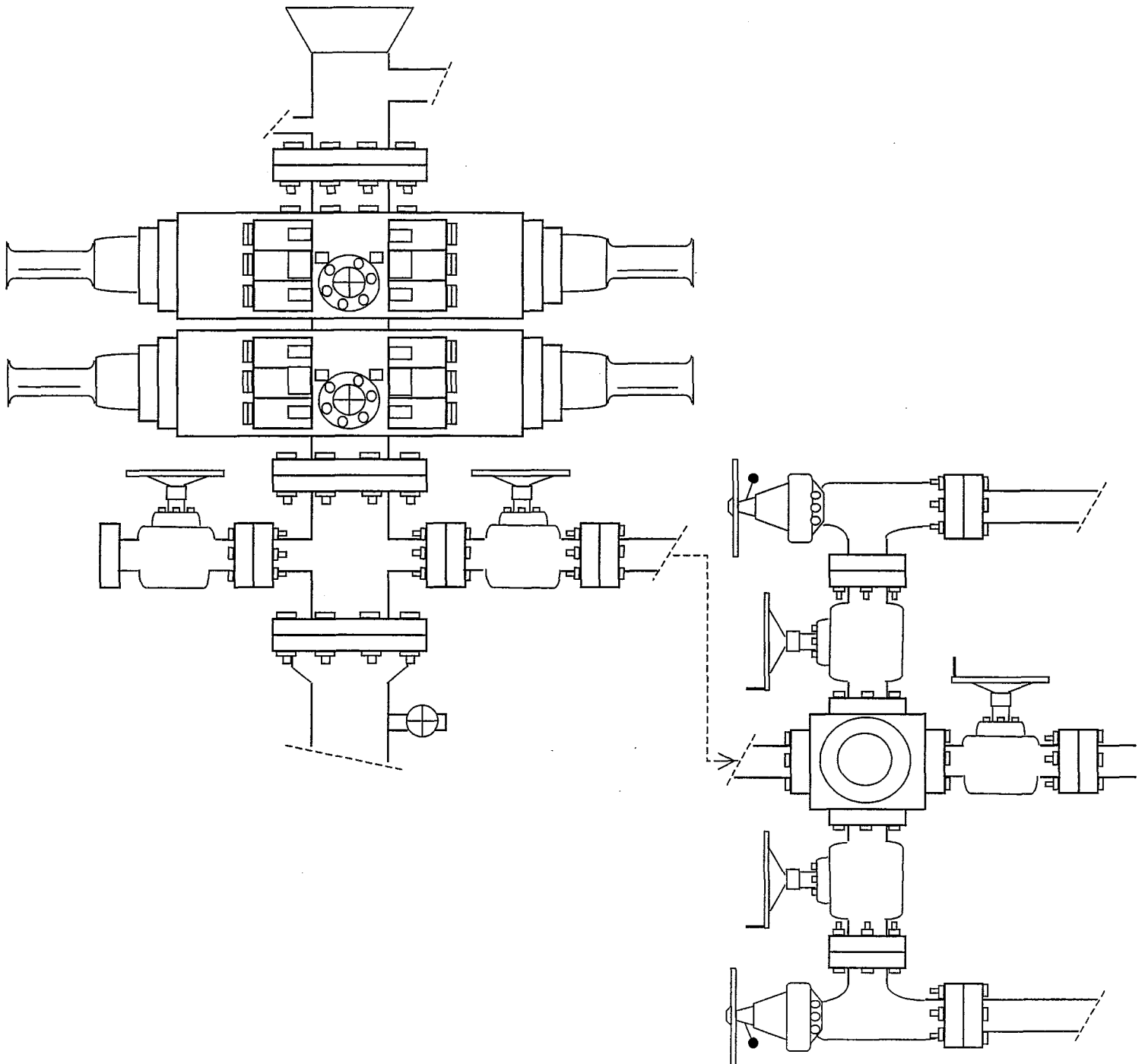


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF INLAND  
RESOURCES' BLOCK PARCELS (T9S, R16E, SEC. 13 & 14)  
NEAR CASTLE PEAK DRAW, DUCHESNE COUNTY, UTAH.

by

Katie Simon  
and  
Keith Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Inland Resources  
Route 3 Box 3630  
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

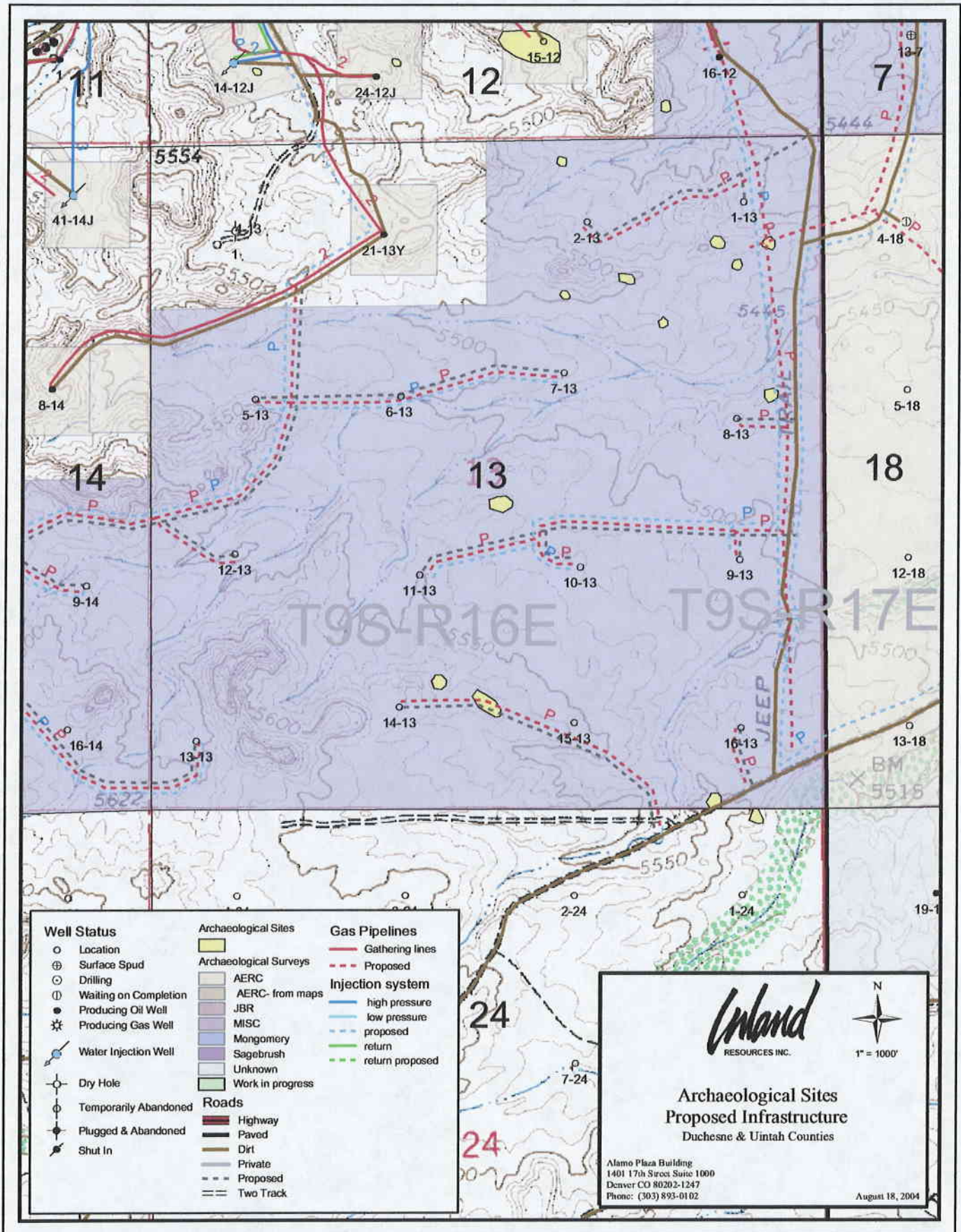
MOAC Report No. 04-44

May 5, 2003

United States Department of Interior (FLPMA)  
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-0328b





**INLAND RESOURCES, INC.**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE & UINTA COUNTIES, UTAH**

Section 13, T 9 S, R 16 E [excluding NW 1/4];  
Section 11, T 9 S, R 18 E [excluding NW/SW, 12-11];  
Section 27, T 9 S, R 15 E [excluding NE/SW, 11-27]

**REPORT OF SURVEY**

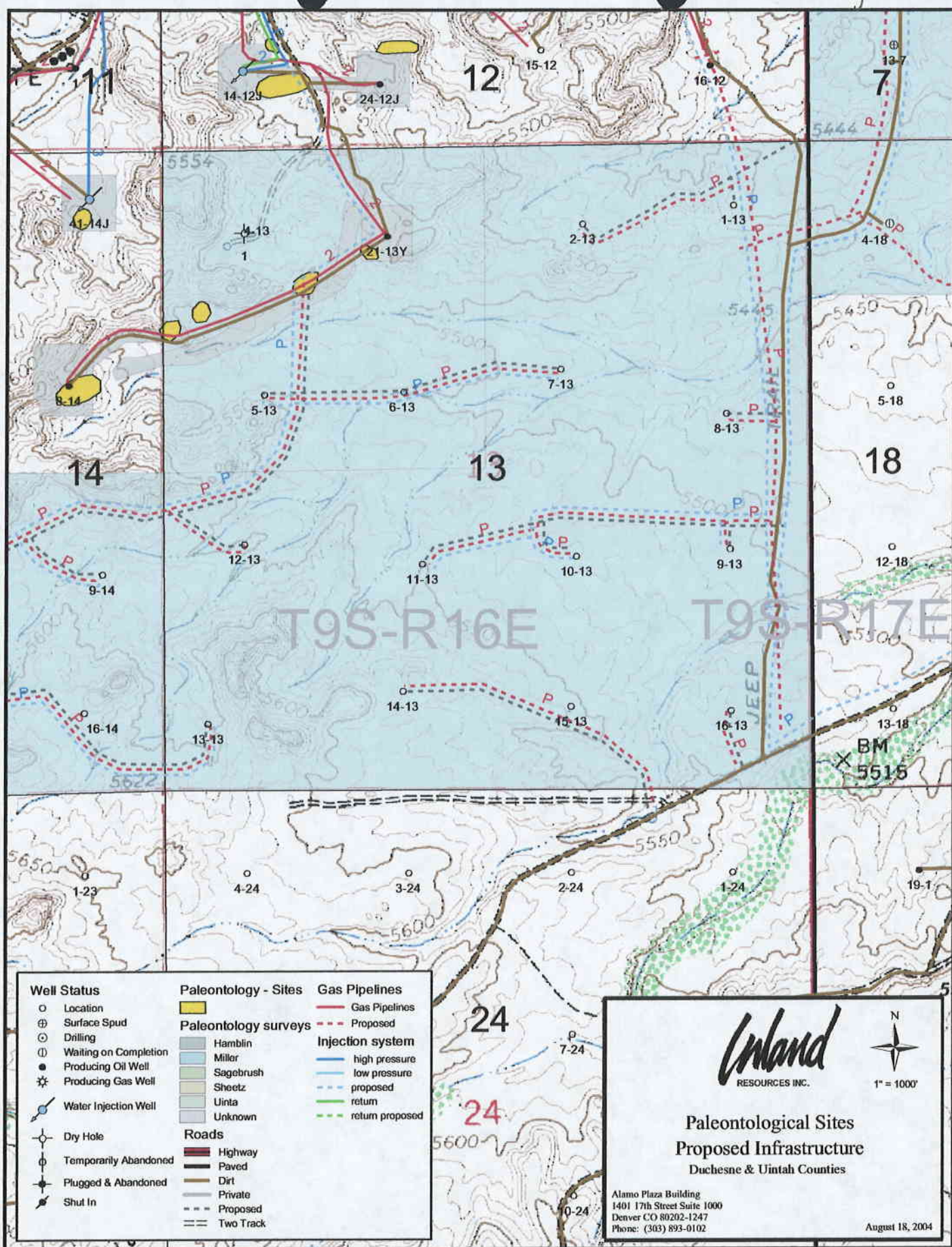
Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
April 7, 2004







004

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/20/2004

API NO. ASSIGNED: 43-013-32652

WELL NAME: FEDERAL 11-13-9-16

OPERATOR: INLAND PRODUCTION ( N5160 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

## PROPOSED LOCATION:

NESW 13 090S 160E

SURFACE: 1855 FSL 2103 FWL

BOTTOM: 1855 FSL 2103 FWL

DUCHESNE

MONUMENT BUTTE ( 105 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64805

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

LATITUDE: 40.02877

LONGITUDE: -110.0689

## RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTU0056 )
- ☒ Potash (Y/N)
- ☒ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit  
(No. MUNICIPAL )
- ☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- ☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

\_\_\_\_ R649-2-3.

Unit \_\_\_\_\_

☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells

\_\_\_\_ R649-3-3. Exception

\_\_\_\_ Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

Siting: \_\_\_\_\_

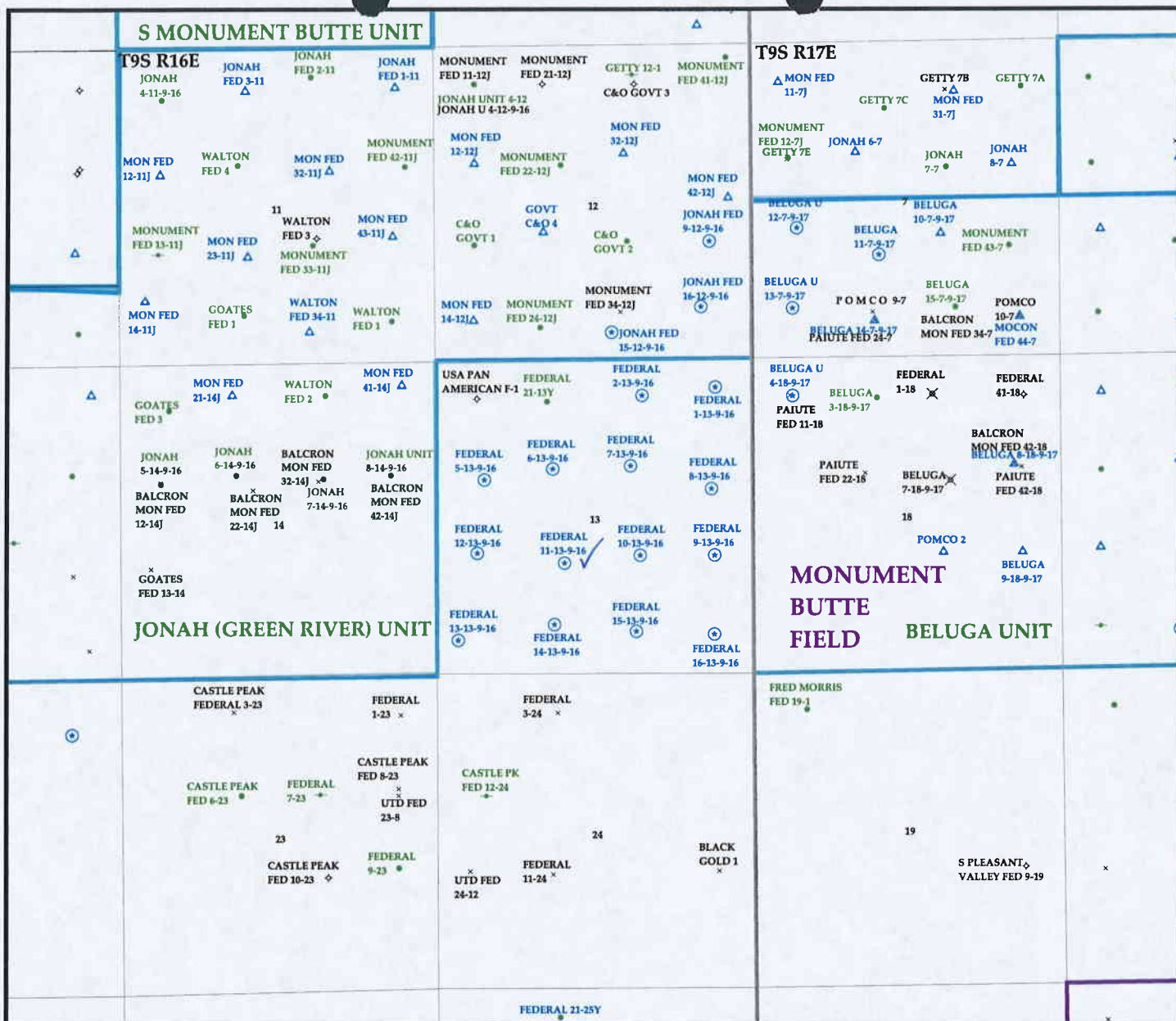
\_\_\_\_ R649-3-11. Directional Drill

## COMMENTS:

Sep. Separate file

## STIPULATIONS:

1- Federal Approval  
2- Spacing Strip



OPERATOR: INLAND PRODUCTION CO (N5160)

SEC. 13 T.9S R.16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

#### Wells

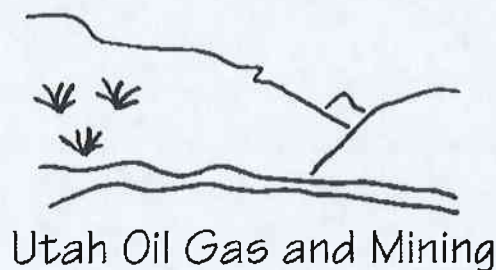
- ✱ GAS INJECTION
- ✱ GAS STORAGE
- ✱ LOCATION ABANDONED
- ✱ NEW LOCATION
- ✱ PLUGGED & ABANDONED
- ✱ PRODUCING GAS
- ✱ PRODUCING OIL
- ✱ SHUT-IN GAS
- ✱ SHUT-IN OIL
- ✱ TEMP. ABANDONED
- ✱ TEST WELL
- ✱ WATER INJECTION
- ✱ WATER SUPPLY
- ✱ WATER DISPOSAL

#### Units.shp

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 25-AUG-2004



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

August 25, 2004

Inland Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Federal 11-13-9-16 Well, 1855' FSL, 2103' FWL, NE SW, Sec. 13, T. 9 South,  
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32652.

Sincerely,

John R. Baza  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number Federal 11-13-9-16  
API Number: 43-013-32652  
Lease: UTU-64805

Location: NE SW                      Sec. 13                      T. 9 South                      R. 16 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



## Office of the Secretary of State

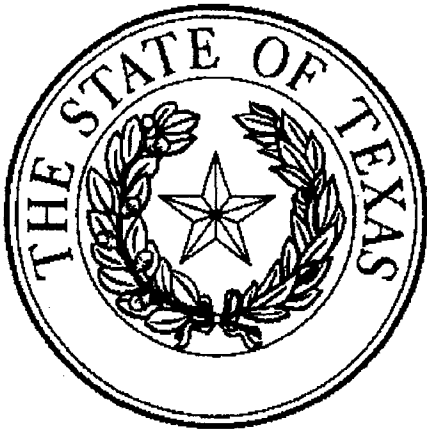
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer



## OPERATOR CHANGE WORKSHEET

006

Change of Operator (Well Sold)

Designation of Agent/Operator

## ROUTING

1. GLH

2. CDW

3. FILE

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO: ( New Operator):**

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.

Unit:

**WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
FEDERAL 15-34-8-17	34	080S	170E	4301332628		Federal	OW	APD	K
FEDERAL 14-34-8-17	34	080S	170E	4301332629		Federal	OW	APD	K
FEDERAL 13-34-8-17	34	080S	170E	4301332630		Federal	OW	APD	K
FEDERAL 12-34-8-17	34	080S	170E	4301332631		Federal	OW	APD	K
FEDERAL 16-13-9-16	13	090S	160E	4301332647		Federal	OW	APD	K
FEDERAL 15-13-9-16	13	090S	160E	4301332648		Federal	OW	APD	K
FEDERAL 14-13-9-16	13	090S	160E	4301332649		Federal	OW	APD	K
FEDERAL 13-13-9-16	13	090S	160E	4301332650		Federal	OW	NEW	K
FEDERAL 12-13-9-16	13	090S	160E	4301332651		Federal	OW	APD	K
FEDERAL 11-13-9-16	13	090S	160E	4301332652		Federal	OW	APD	K
FEDERAL 10-13-9-16	13	090S	160E	4301332653		Federal	OW	APD	K
FEDERAL 9-13-9-16	13	090S	160E	4301332654		Federal	OW	APD	K
FEDERAL 8-13-9-16	13	090S	160E	4301332655		Federal	OW	APD	K
FEDERAL 7-13-9-16	13	090S	160E	4301332656		Federal	OW	APD	K
FEDERAL 11-20-9-16	20	090S	160E	4301332598		Federal	OW	APD	K
FEDERAL 1-22-9-16	22	090S	160E	4301332612		Federal	OW	NEW	K
FEDERAL 9-10-9-17	10	090S	170E	4301332502	14325	Federal	OW	DRL	K
FEDERAL 13-11-9-17	11	090S	170E	4301332510	14273	Federal	OW	P	K
FEDERAL 12-11-9-17	11	090S	170E	4301332544		Federal	OW	APD	K
FEDERAL 1-15-9-17	15	090S	170E	4301332596		Federal	OW	APD	K

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If NO, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005  
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919  
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1855 FSL 2103 FWL NE/SW Section 13, T9S R16E**

5. Lease Designation and Serial No.

**UTU-64805**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**N/A**

8. Well Name and No.

**FEDERAL 11-13-9-16**

9. API Well No.

**43-013-32652**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Permit Extension**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/25/04 (expiration 8/25/05).

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: **08-25-05**

By: *[Signature]*

COPIES SENT TO OPERATOR  
Date: **8-30-05**  
Initials: **LHO**

14. I hereby certify that the foregoing is true and correct

Signed

*[Signature]*  
Mandie Crozier

Title

Regulatory Specialist

Date

8/19/2005

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

**AUG 22 2005**

DIV. OF OIL, GAS & MINING

RESET

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-32652  
**Well Name:** Federal 11-13-9-16  
**Location:** NE/SW Section 13, T9S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 8/25/2004

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐ NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

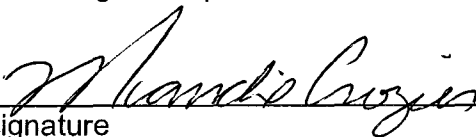
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

8/19/2005

Date

**Title:** Regulatory Specialist

**Representing:** Newfield Production Company

RECEIVED

AUG 22 2005

DIV. OF OIL, GAS & MINING

RECEIVED

AUG 20 2004

BLM VERNAL, UTAH

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.  
UTU-64805

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA Agreement, Name and No.  
N/A

8. Lease Name and Well No.  
Federal 11-13-9-16

9. API Well No.  
43-013-32052

10. Field and Pool, or Exploratory  
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area  
NE/SW Sec. 13, T9S R16E

12. County or Parish  
Duchesne

13. State  
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator  
Inland Production Company

3a. Address  
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)  
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface NE/SW 1855' FSL 2103' FWL  
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 20.0 miles south of Myton, Utah

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any) Approx. 1,855' f/lease, NA f/unit

16. No. of Acres in lease  
560.00

17. Spacing Unit dedicated to this well  
40 Acres

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft. Approx. 1,199'

19. Proposed Depth  
6500'

20. BLM/BIA Bond No. on file  
UTU0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5444' GL

22. Approximate date work will start\*  
1st Quarter 2005

23. Estimated duration  
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature *Mandie Crozier*

Name (Printed/Typed)  
Mandie Crozier

Date  
8/19/04

Title  
Regulatory Specialist

Approved by (Signature) *Thomas R. Cavanaugh*

Name (Printed/Typed)

Date  
06/23/2005

Title  
Assistant Field Manager  
Mineral Resources

Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly or willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

RECEIVED

SEP 14 2005

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

*UDOGM*

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company  
Well Name & Number: Federal 11-13-9-16  
API Number: 43-013-32652  
Lease Number: U-64805  
Location: NESW Sec. 13 T.9S R. 16E  
Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

**Please submit to this office, in LAS format, an electronic copy of all logs run on this well  
This submission will replace the requirement for submittal of paper logs to the BLM.**

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood (435) 828-7874  
Petroleum Engineer

Michael Lee (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

-In order to mitigate impacts to mountain plovers, no new construction or surface disturbing activities would occur during the nesting season of May 1 to June 15. If new construction or surface disturbing activities are scheduled during the nesting season, pre-construction surveys will be conducted by a qualified biologist using U.S. Fish and Wildlife's mountain plover survey guidelines to detect the presence of nesting mountain plovers.

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 11-13-9-16

Api No: 43-013-32652 Lease Type: FEDERAL

Section 13 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

### **SPUDDED:**

Date 10/31/05

Time 9:30 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by ALVIN NIELSEN

Telephone # 1-435-823-7468

Date 10/31/2005 Signed CHD



RECEIVED

NOV 02 2005

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3830  
MYTON, UT 84052DIV. OF OIL, GAS & MINING  
OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15020	43-013-32653	FEDERAL 10-13-9-16	NWSE	13	9S	16E	DUCHESNE	10/26/05	11/3/05
WELL COMMENTS: GRV - J											
A	99999	15021	43-047-36080	FEDERAL 16-35-8-17	SESE	35	8S	17E	UINTAH	10/27/05	11/3/05
WELL COMMENTS: GRV - J											
B	99999	14844	43-013-32596	FEDERAL 1-15-9-17	NENE	15	9S	17E	DUCHESNE	10/31/05	11/3/05
WELL COMMENTS: GRV - J											
A	99999	15022	43-013-32652	FEDERAL 11-13-9-16	NESW	13	9S	16E	DUCHESNE	10/31/05	11/3/05
WELL COMMENTS: GRV - J											
A	99999	15023	43-047-36076	FEDERAL 8-35-8-17	SENE	35	8S	17E	UINTAH	11/02/05	11/3/05
WELL COMMENTS: GRV - J											
B	99999	14844	43-013-32705	FEDERAL 4-14-9-17	NWYNW	14	9S	17E	DUCHESNE	11/02/05	11/3/05
WELL COMMENTS: GRV - J											

ACTION CODES: (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group of well map)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (please list comments in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Kim Kettle

Signature

Kim Kettle

Production Clerk

Title

November 2, 2005

Date

11/02/2005 13:09

4356463031

INLAND

PAGE 02

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
Newfield Production Company

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone No. (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1855 FSL 2103 FWL  
NE/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/31/2005 MIRU Ross Rig # 24. Spud well @ 9:30 AM. Drill 308' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 306.83' KB On 11/3/2005 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 2 bbls cement to pit. WOC.

RECEIVED  
NOV 08 2005  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Floyd Mitchell

Title

Drilling Supervisor

Signature

*Floyd Mitchell*

Date

11/04/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 306.83

LAST CASING 8 5/8" SET AT 306.83'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 308' LOGGER N/A  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Federal 11-13-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross Rig # 24

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 37.41'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	294.98
		<b>GUIDE</b> shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	296.83
TOTAL LENGTH OF STRING	296.83	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	<b>306.83</b>

TOTAL	294.98	7	} COMPARE	
TOTAL CSG. DEL. (W/O THRS)	294.98	7		
TIMING	1ST STAGE			
BEGIN RUN CSG. Spud	10/31/2005	9:30 AM	GOOD CIRC THRU JOB	Yes
CSG. IN HOLE	11/1/2005	12:00 PM	Bbls CMT CIRC TO SURFACE	2
BEGIN CIRC	11/3/2005	12:37 PM	RECIPROCATED PIPE FOR	N/A
BEGIN PUMP CMT	11/3/2005	12:45 PM		
BEGIN DSPL. CMT	11/3/2005	12:54 PM	BUMPED PLUG TO	125 PSI
PLUG DOWN	11/3/2005	1:03 PM		

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
<b>1</b>	<b>160</b>	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3		

COMPANY REPRESENTATIVE Floyd Mitchell DATE 11/3/2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE. Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1855 FSL 2103 FWL

NE/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

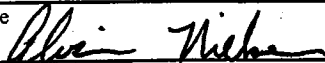
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/13/05 MIRU Union Rig # 14. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 252'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5800. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 131 jt's of 5.5 J-55, 15.5# csgn. Set @ 5879.70' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With 20 bbls cement returned to pit. Nipple down Bop's. Drop slips @98,000 #'s tension. Release rig 8:00 PM 11/17/05.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Alvin Nielsen

Signature



Title

Drilling Foreman

Date

11/17/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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(Instructions on reverse)

RECEIVED

NOV 22 2005

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5789.7

LAST CASING 8 5/8" SET / 306'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD\_DRILLER 5800 LOGGER 5800  
 HOLE SIZE 7 7/8"

Flt cllr @ 5746.76

OPERATOR Newfield Production Company  
 WELL Federal 11-13-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Union #14

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3684.97 (6.68')					
131	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5745.75
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	30.7
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5791.7
TOTAL LENGTH OF STRING		5791.7	132	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		132.97	3	CASING SET DEPTH			<b>5789.7</b>
TOTAL		<b>5909.42</b>	135	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5909.42	135				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		11/17/2005	9:00 AM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		11/17/2005	1:00 PM	Bbls CMT CIRC TO SURFACE <u>20</u>			
BEGIN CIRC		11/17/2005	1:00 PM	RECIPROCATED PIPE FOR <u>      </u> THRU <u>NO</u> FT STROKE			
BEGIN PUMP CMT		11/17/2005	2:15 PM	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT		11/17/2005	3:10 PM	BUMPED PLUG TO <u>2562</u> PSI			
PLUG DOWN		11/17/2005	3:34 PM				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	325	Prem-lite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Alvin Nielsen DATE 11/17/2005



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include are code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1855 FSL 2103 FWL

NE/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/13/05 MIRU Union Rig # 14. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 252'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,800. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 131 jt's of 5.5 J-55, 15.5# csgn. Set @ 5789' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With 20 bbls cement returned to pit. Nipple down Bop's. Drop slips @98,000 #'s tension. Release rig 8:00 PM 11/17/05

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)

Alvin Nielsen

Title

Drilling Foreman

Signature

*Alvin Nielsen*

Date

11/23/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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Title

Office

Date

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(Instructions on reverse)

RECEIVED  
NOV 30 2005

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5789.7

Flt clr @ 5746.76

LAST CASING 8 5/8" SET / 306'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 11-13-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # Union #14

TD DRILLER 5800 LOGGER 5800

HOLE SIZE 7 7/8"

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3684.97 (6.68')					
131	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5745.75
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	30.7
		<b>GUIDE</b> shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5791.7
TOTAL LENGTH OF STRING	5791.7	132	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	132.97	3	CASING SET DEPTH	<b>5789.7</b>

TOTAL	5909.42	135	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	5909.42	135		
TIMING	1ST STAGE	2nd STAGE		
BEGIN RUN CSG.	11/17/2005	9:00 AM	GOOD CIRC THRU JOB	YES
CSG. IN HOLE	11/17/2005	1:00 PM	Bbls CMT CIRC TO SURFACE	20
BEGIN CIRC	11/17/2005	1:00 PM	RECIPROCATED PIPE FOR	THRU NO FT STROKE
BEGIN PUMP CMT	11/17/2005	2:15 PM	DID BACK PRES. VALVE HOLD ?	YES
BEGIN DSPL. CMT	11/17/2005	3:10 PM	BUMPED PLUG TO	2562 PSI
PLUG DOWN	11/17/2005	3:34 PM		

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	325	Prem-lite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Alvin Nielsen

DATE 11/17/2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1855 FSL 2103 FWL

NE/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)  
Mandie Crozier

Title

Regulatory Specialist

Signature

Date

12/15/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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Title

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(Instructions on reverse)

**RECEIVED**

**DEC 19 2005**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
Newfield Production Company

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone No. (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1855 FSL 2103 FWL  
NE/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Variance
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

COPY SENT TO OPERATOR

Date: 1-30-06  
Initials: CHD

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Mandie Crozier

Title

Regulatory Specialist

Signature

Date

12/15/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Approved by  
Title Utah Division of  
Oil, Gas and Mining  
Office

Date

Federal Approval Of This  
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

By: CHD

DEC 19 2005

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1855 FSL 2103 FWL

NE/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 12/05/05 - 12/14/05

Subject well had completion procedures initiated in the Green River formation on 12-05-05 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5628'-5634'), (5610'-5614'); Stage #2 (5423'-5429'), (5387'-5394'), (5361'-5369'); Stage #3 (4938'-4944'); Stage #4 (4776'-4782'); Stage #5 (4012'-4020'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 12-12-2005. Bridge plugs were drilled out and well was cleaned to 5746'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 12-14-2005.

RECEIVED  
DEC 22 2005

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Lana Nebeker

Signature

Title

Production Clerk

Date

12/21/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)



(See other instructions on reverse side)

OMB NO. 1004-0137  
Expires: February 28, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.\*)

At Surface 1855' FSL & 2103' FWL (NE/SW) Sec. 13, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-32652

DATE ISSUED

8/25/04

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

10/31/05

16. DATE T.D. REACHED

11/16/05

17. DATE COMPL. (Ready to prod.)

12/14/05

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5444' GL

5456' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5800'

21. PLUG BACK T.D., MD & TVD

5758'

22. IF MULTIPLE COMPL...

HOW MANY\*

23. INTERVALS

DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 4012'-5634'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FE	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	307'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5790'	7-7/8"	325 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						5682'	5582'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP4) 5610'-5614', 5628'-5634'	.46"	4/40	5610'-5634'	Frac w/ 40,198# 20/40 sand in 394 bbls fluid
(CP1&2) 5361'-69', 5387'-94', 5423'-29'	.46"	4/84	5361'-5429'	Frac w/ 95,683# 20/40 sand in 703 bbls fluid
(A1) 4938'-4944'	.46"	4/24	4938'-4944'	Frac w/ 20,953# 20/40 sand in 278 bbls fluid
(B1) 4776'-4782'	.46"	4/24	4776'-4782'	Frac w/ 36,114# 20/40 sand in 380 bbls fluid
(GB4) 4012'-4020'	.46"	4/32	4012'-4020'	Frac w/ 19,329# 20/40 sand in 268 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
12/14/05		2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump					PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.		GAS-OIL RATIO
30 day ave			----->	51	39	28		765
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL.		OIL GRAVITY--API(CORR.)	
		----->					RECEIVED	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

JAN 20 2006

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*M. J. ...*  
M. J. ...

TITLE

Regulatory Specialist

DATE

1/17/2006

DIV. OF OIL, GAS & MINING

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 11-13-9-16	Garden Gulch Mkr	3478'	
				Garden Gulch 1	3681'	
				Garden Gulch 2	3792'	
				Point 3 Mkr	4057'	
				X Mkr	4314'	
				Y-Mkr	4359'	
				Douglas Creek Mkr	4473'	
				BiCarbonate Mkr	4710'	
				B Limestone Mkr	4822'	
				Castle Peak	5328'	
				Basal Carbonate	5760'	
				Total Depth (LOGGERS)	5800'	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-64805
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 11-13-9-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1855 FSL 2103 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 13 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013326520000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/19/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The subject well has been converted from a producing oil well to an injection well on 02/19/2013. On 02/19/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/19/2013 the casing was pressured up to 1775 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.</p>		
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> February 25, 2013 <b>By:</b>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/21/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 2/19/13 Time 2:30 am pm  
Test Conducted by: Cody Marx  
Others Present: \_\_\_\_\_

Well: Federal H-13-9-16

Field: Monument Butte

Well Location: NE/SW SEC. 13, T9S, R16E  
Duchesne County, Utah

API No: 43-013-32652

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1775</u>	psig
5	<u>1775</u>	psig
10	<u>1775</u>	psig
15	<u>1775</u>	psig
20	<u>1775</u>	psig
25	<u>1775</u>	psig
30 min	<u>1775</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

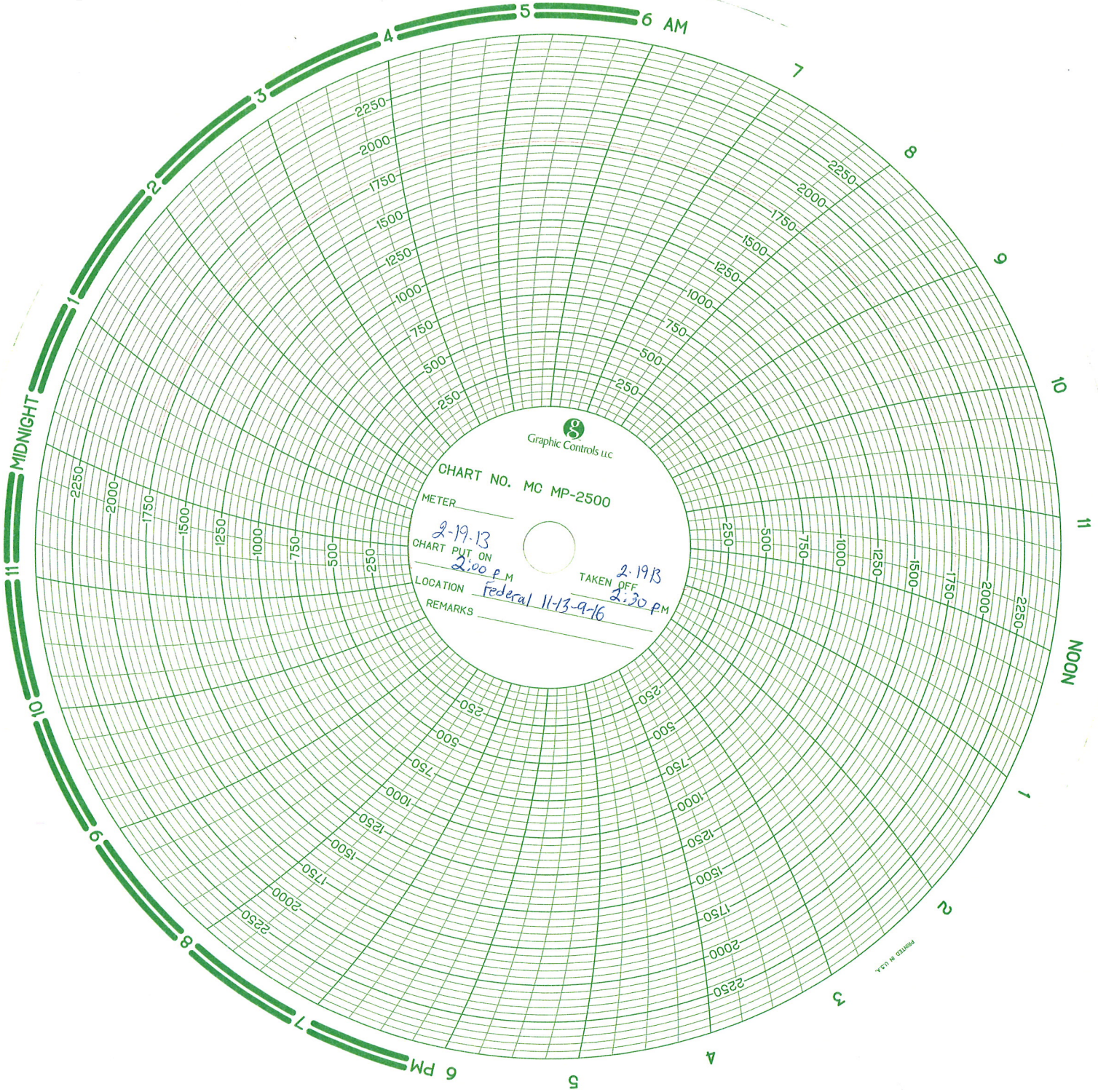
Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Cody Marx







## Daily Activity Report

Format For Sundry

**FEDERAL 11-13-9-16**

**12/1/2012 To 4/28/2013**

**2/14/2013 Day: 1**

**Conversion**

NC #2 on 2/14/2013 - MIRUSU, L/D Rods On Float - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, MIRUSU, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Flush Rods W/- 40 Bbls Wtr, Re-Seat Rod Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 11 Bbls Wtr To Fill, L/D 1 1/2" x 22' Polished Rod (Bad), 1- 2', 1- 4', 1- 6' x 3/4" Pony Subs, 100- 3/4" Guided Rods, 100- 3/4" Plain Rods (2 Bad), 19- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, Rod Pmp, Pmp 20 Bbsl Wtr On TOH, X - Over For Tbg, SWI, CSDFN @ 6:30 PM, 6:30 To 7:00 PM C/Trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$8,617

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**2/15/2013 Day: 2**

**Conversion**

NC #2 on 2/15/2013 - POOH W/- Tbg, Breaking & Doping Every Collar - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/D Wellhead, R/U Weatherford BOPS, Release TA, R/U Sandline, RIH & Tag Fill, Tag Fill @ 5746', No New Fill On PBTD, R/D Sandline, POOH W/- 90- Jts Tbg, SWI, CSDFN @ 5:30 PM, 5:30 To 6:00 PM C/Trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$16,262

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**2/19/2013 Day: 3**

**Conversion**

NC #2 on 2/19/2013 - Finish POOH W/- Tbg, Breaking & Doping Collars, TIH W/- Pkr, Pressure Test Tbg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 33- Jts Tbg Breaking & Doping Every Collar, L/D 53- Jts Tbg On Float, P/U & TIH W/- 2 3/8" Wireline Re-Entry Guide, 2 3/8" W/- 1.875 "XN" Profile Nipple, 4' x 2 3/8" Tbg Sub, 2 3/8" x 2 7/8" Cross Over, 5 1/2" Arrowset Pkr, 2 7/8" W/- 1.875 "X" Profile Nipple, SN, 122- Jts Tbg, Drop Stnd Vlve, Pressure Test Tbg To 3,000 Psi, Hold For 1 Hr, Good Test, Had To Bump Up A Couple Of Times, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg, Pmp 70 Bbls Fresh Wtr W/- Pkr Fluid, R/D Inj. Tree, Set Pkr, R/U Inj. Tree, Pressure Test Csg To 1,500 Psi, Hold Over Night, SWI, CSDFN @ 6:30 PM, 6:30 To 7:00 PM C/Trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$34,104

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**2/20/2013 Day: 4**

**Conversion**

NC #2 on 2/20/2013 - Finish Pressure Testing Csg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off To 1,300 Psi, R/U H/Oiler To Csg, Pmp Back Up To 1,500 Psi, Hold For 1 Hr, Good Test, R/D NC #2, Well Ready For MIT.

**Daily Cost:** \$0

**Cumulative Cost:** \$37,415

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**2/21/2013 Day: 5**

**Conversion**

Rigless on 2/21/2013 - Conduct initial MIT - On 02/19/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/19/2013 the casing was pressured up to 1775 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$66,749

---

**Pertinent Files:** [Go to File List](#)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-64805
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 11-13-9-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1855 FSL 2103 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 13 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013326520000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>3/1/2013</b>	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS
	<input checked="" type="checkbox"/> CHANGE WELL STATUS
	<input type="checkbox"/> CHANGE TUBING
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
	<input checked="" type="checkbox"/> CONVERT WELL TYPE
	<input type="checkbox"/> DEEPEN
	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE
	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME
	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF
	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION
	<input type="checkbox"/> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 11:30 AM on  
 03/01/2013.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining**

Date: March 12, 2013

By: 

NAME (PLEASE PRINT)

Lucy Chavez-Naupoto

PHONE NUMBER

435 646-4874

TITLE

Water Services Technician

SIGNATURE

N/A

DATE

3/5/2013



RECEIVED

AUG 20 2004

DIV. OF OIL, GAS &amp; MINING

August 19, 2004

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 1-13-9-16, 2-13-9-16, 5-13-9-16, 6-13-9-16, 7-13-9-16, 8-13-9-16, 9-13-9-16, 10-13-9-16, 11-13-9-16, 12-13-9-16, 13-13-9-16, 14-13-9-16, 15-13-9-16, and 16-13-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The 8-13-9-16 and 13-13-9-16 are Exception Locations. I have contacted our Land Department in the Denver office and they will be providing you with the appropriate Exception Location Letters. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED

AUG 20 2004

Form 3160-3  
(September 2001)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DIV. OF OIL, GAS &amp; MINING

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

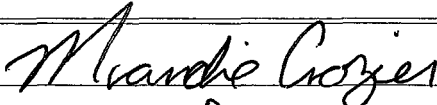

## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64805
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Inland Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 11-13-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SW 1855' FSL 2103' FWL 579447 X 40.02877 At proposed prod. zone 4431155 Y -110.66891		9. API Well No. 43-013-32652
14. Distance in miles and direction from nearest town or post office* Approximatley 20.0 miles south of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1,855' f/lse, NA f/unit	16. No. of Acres in lease 560.00	11. Sec., T., R., M., or Blk. and Survey or Area NE/SW Sec. 13, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,199'	19. Proposed Depth 6500'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5444' GL	22. Approximate date work will start* 1st Quarter 2005	13. State UT
20. BLM/BIA Bond No. on file UTU0056		23. Estimated duration Approximately seven (7) days from spud to rig release.

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/19/04
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III	Date 08-25-04
Title		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

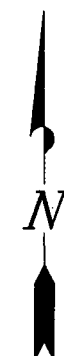
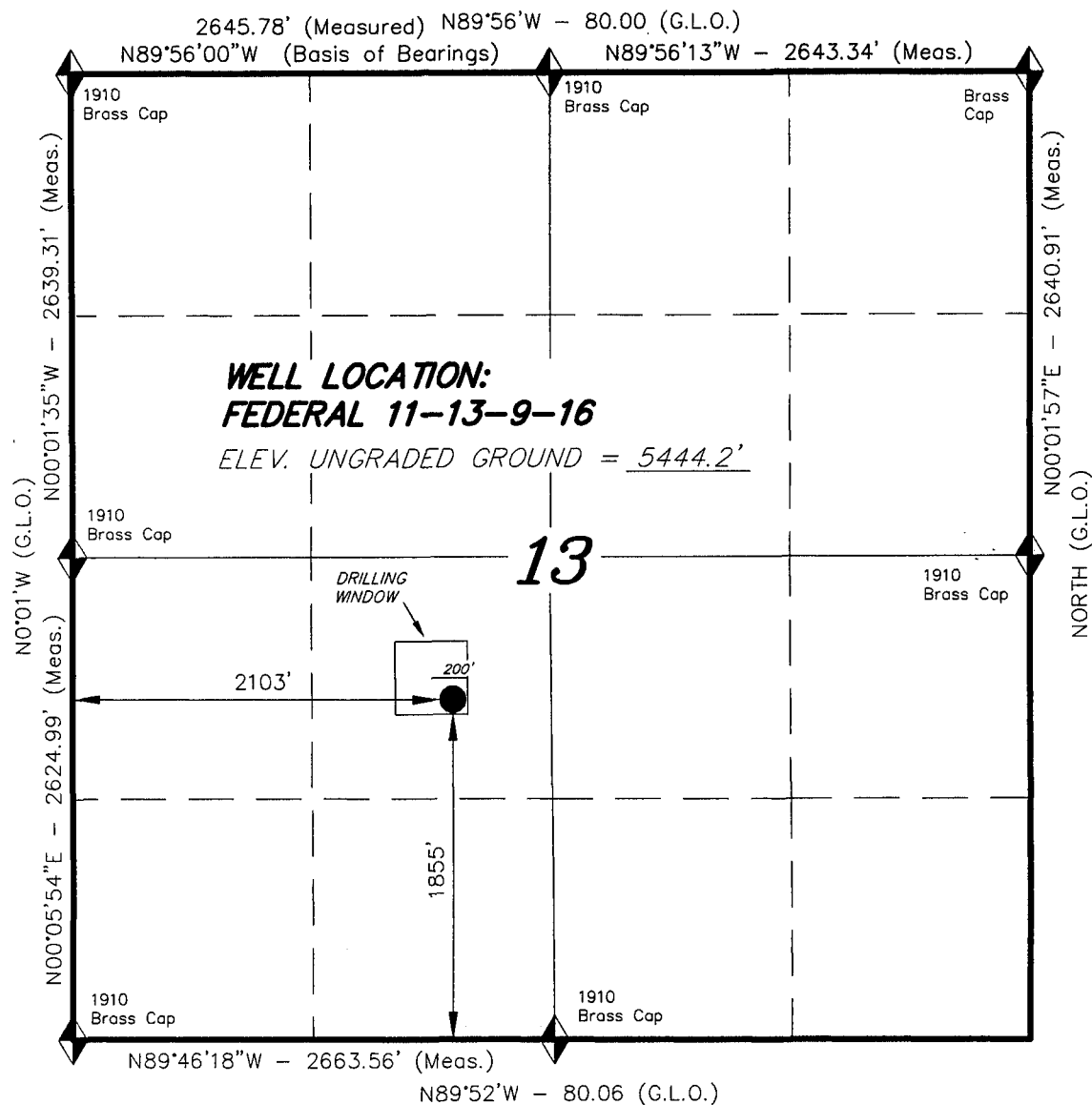
Federal Approval of this  
Action is Necessary



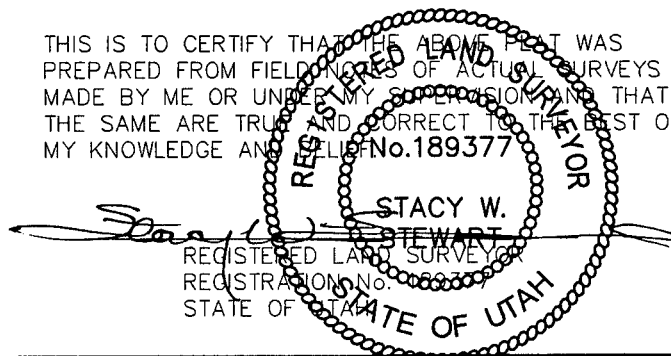
**T9S, R16E, S.L.B.&M.**

**INLAND PRODUCTION COMPANY**

WELL LOCATION, FEDERAL 11-13-9-16,  
LOCATED AS SHOWN IN THE NE 1/4 SW  
1/4 OF SECTION 13, T9S, R16E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



**TRI STATE LAND SURVEYING & CONSULTING**  
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 7-15-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED  
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

INLAND PRODUCTION COMPANY  
FEDERAL #11-13-9-16  
NE/SW SECTION 13, T9S, R16E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1640'
Green River	1640'
Wasatch	5820'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1640' – 6500' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY  
FEDERAL #11-13-9-16  
NE/SW SECTION 13, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Federal #11-13-9-16 located in the NE 1/4 SW 1/4 Section 13, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 14.6 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 3.4 miles  $\pm$  to it's junction with an existing road to the north; proceed northerly - 0.4 miles  $\pm$  to it's junction with the beginning of the proposed access road to the west; proceed westerly along the proposed access road - 3,015'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the Monument Butte Field SOP. See Exhibit "A".

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-44, 5/5/03. Paleontological Resource Survey prepared by, Wade E. Miller, 4/7/04. See attached report cover pages, Exhibit "D".

For the Federal #11-13-9-16 Inland Production Company requests 3,015' of disturbed area be granted in Lease UTU-64805 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Inland Production Company requests 3,015' of disturbed area be granted in Lease UTU-64805 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Inland Production Company requests a 610' of disturbed area be granted in Lease UTU-75039 and 4,665' of disturbed area be granted in Lease UTU-64805 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**

**Inactive Nest:** Dixie Saddler to advise.

**Burrowing Owl:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction

surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

**Reserve Pit Liner**

Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale	<i>Atriplex Confertifolia</i>	4 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	4 lbs/acre
Crested Wheat Grass		4 lbs/acre

**Details of the On-Site Inspection**

The proposed Federal #11-13-9-16 was on-sited on 5/19/04. The following were present; Brad Mecham (Inland Production), David Gerbig (Inland Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear at 70 degrees.

**13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Brad Mecham  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #11-13-9-16 NE/SW Section 13, Township 9S, Range 16E: Lease UTU-64805 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/19/04

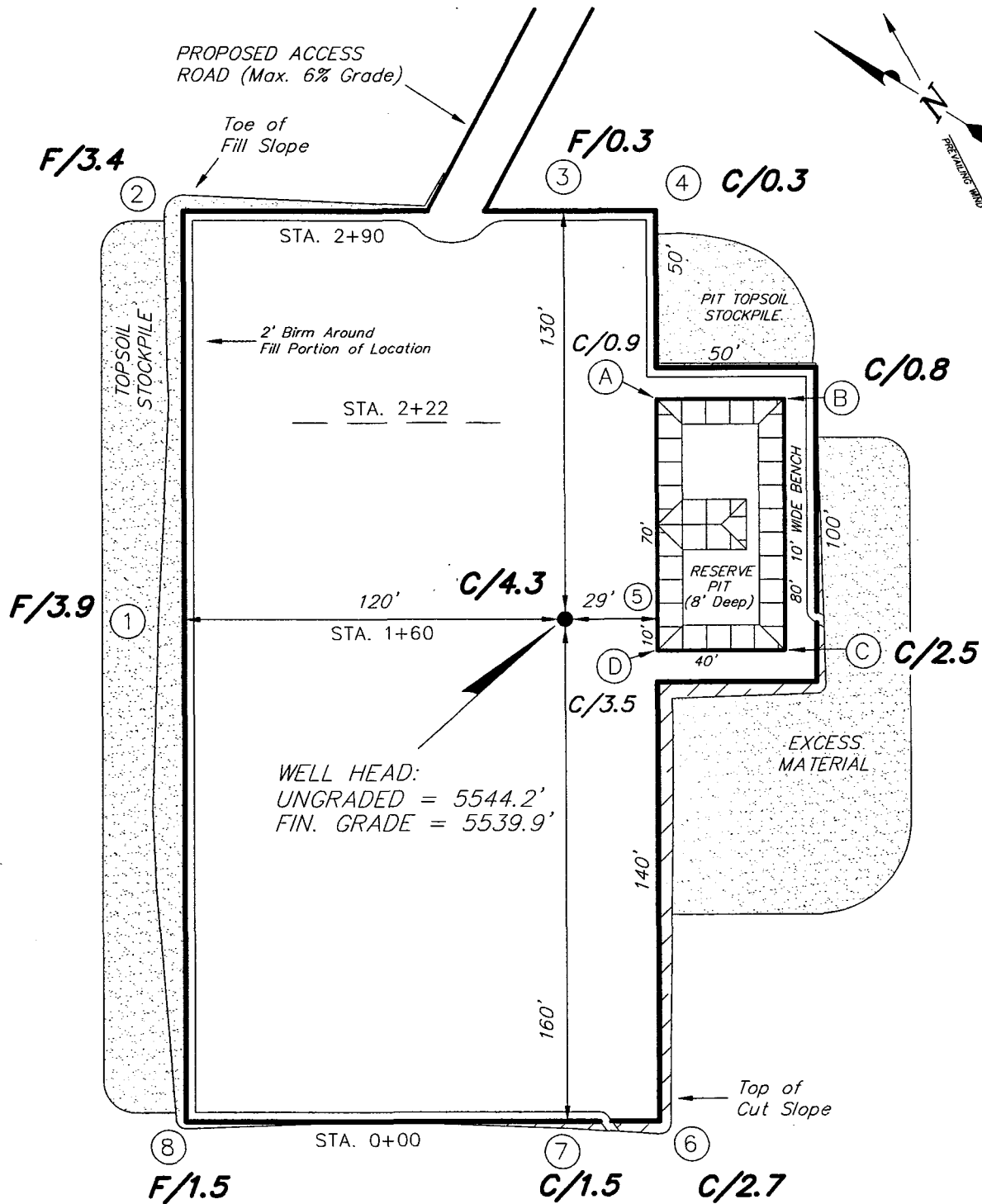
Date

Mandie Crozier  
Mandie Crozier  
Regulatory Specialist

# INLAND PRODUCTION COMPANY

FEDERAL 11-13-9-16

Section 13, T9S, R16E, S.L.B.&M.



## REFERENCE POINTS

210' SOUTHWEST = 5542.2'  
260' SOUTHWEST = 5542.3'  
170' NORTHWEST = 5529.3'  
220' NORTHWEST = 5532.6'

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-15-04

Tri State  
Land Surveying, Inc.

(435) 781-2501

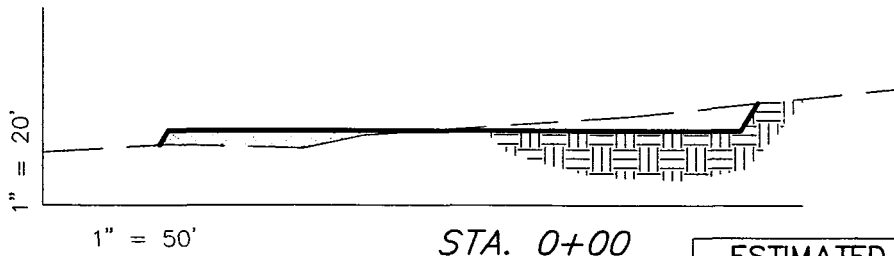
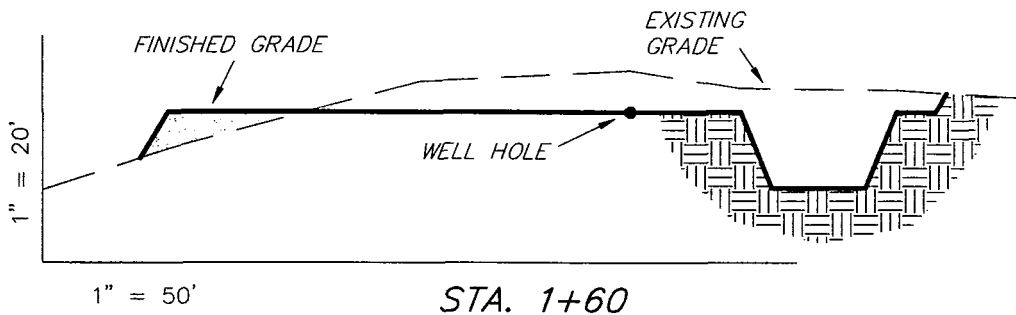
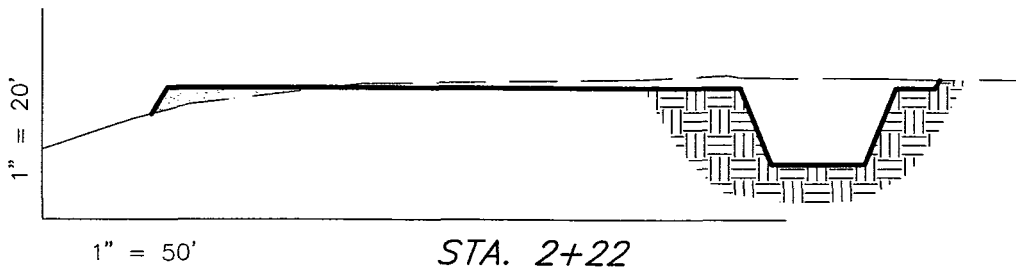
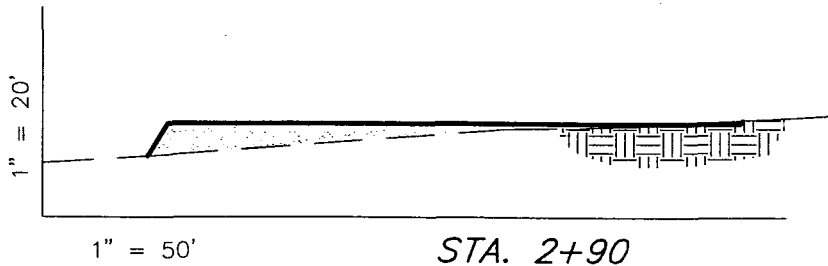
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

FEDERAL 11-13-9-16



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,720	1,710	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	2,360	1,710	890	650

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-15-04

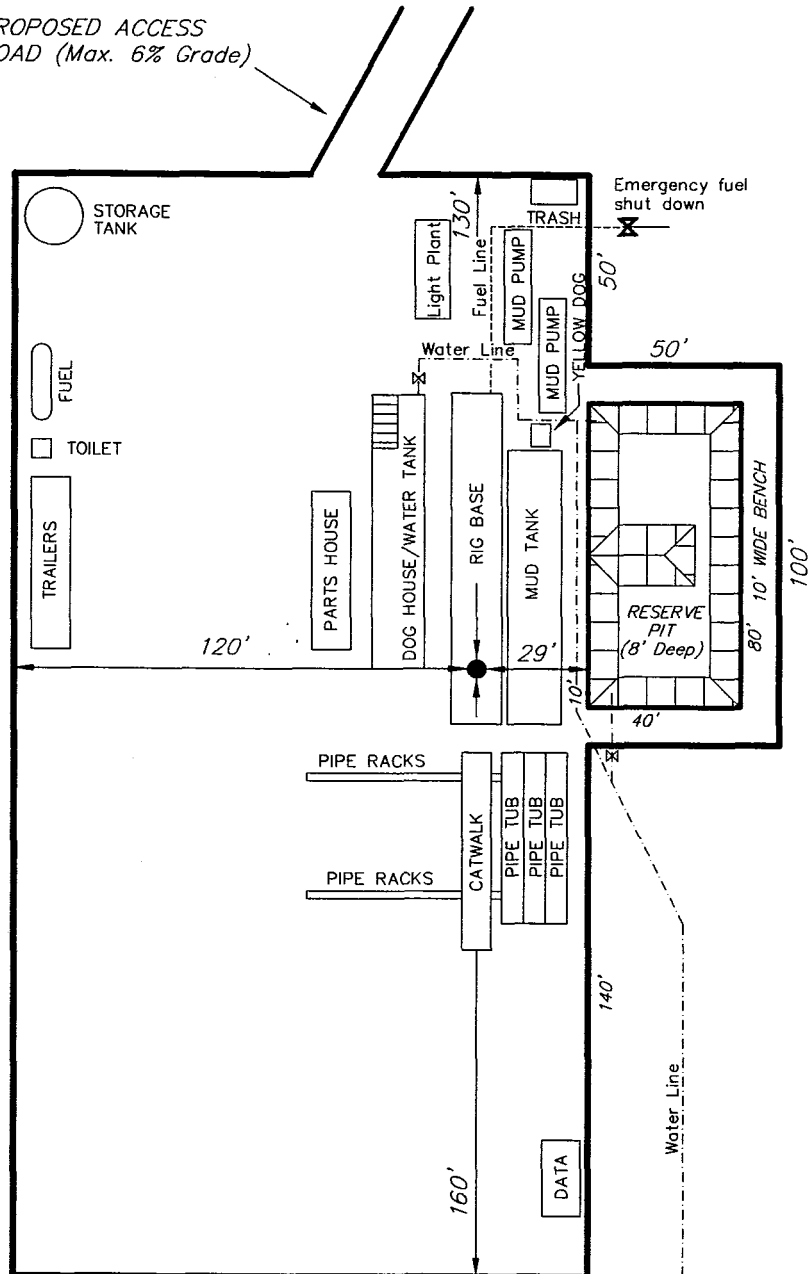
**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

FEDERAL 11-13-9-16

PROPOSED ACCESS  
ROAD (Max. 6% Grade)



SURVEYED BY: D.J.S.

SCALE: 1" = 50'

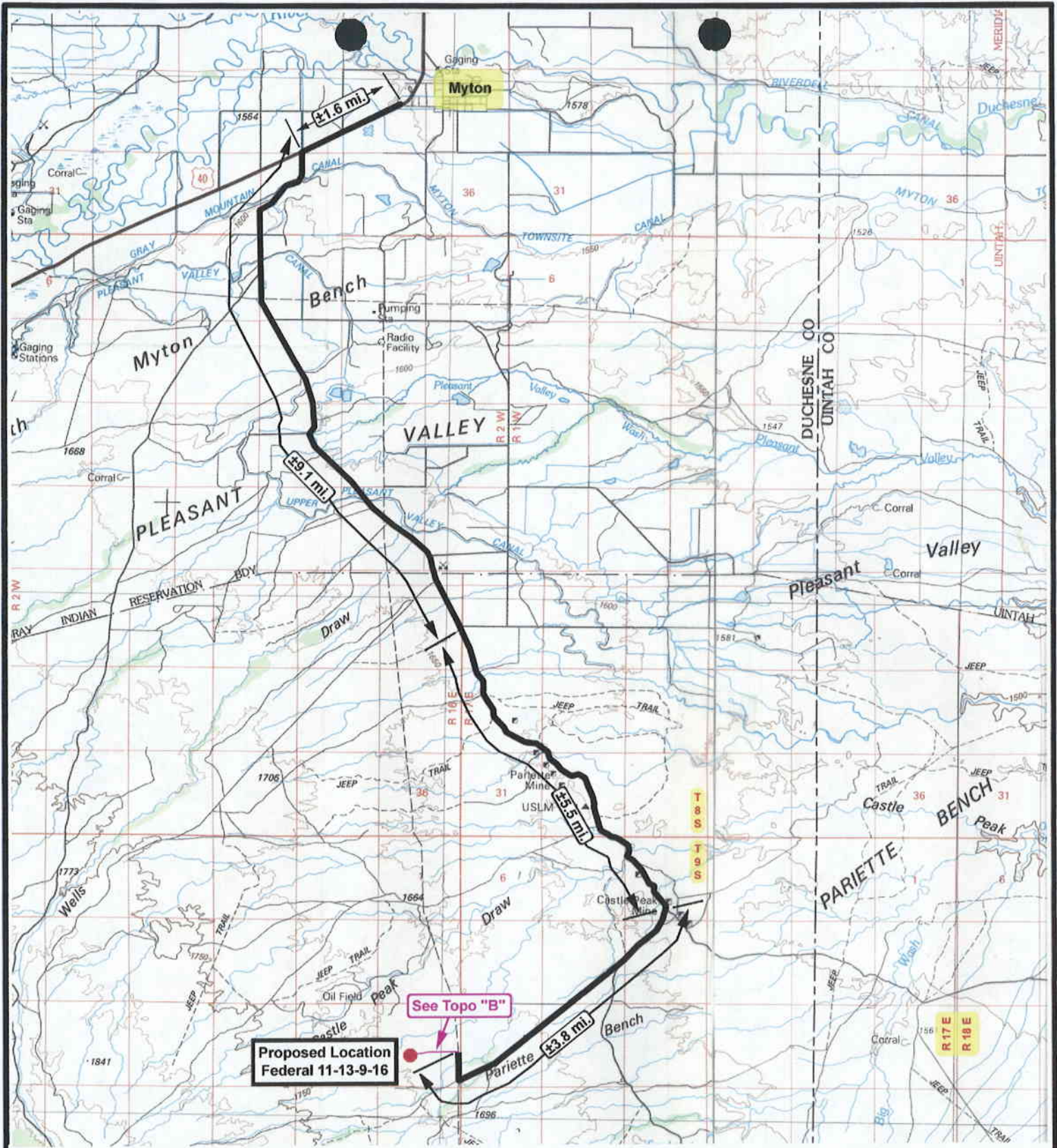
DRAWN BY: F.T.M.

DATE: 7-15-04

Tri State  
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**Federal 11-13-9-16  
SEC. 13, T9S, R16, S.L.B.&M.**



**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1 : 100,000  
DRAWN BY: bgm  
DATE: 07-16-2004

**Legend**

— Existing Road  
— Proposed Access

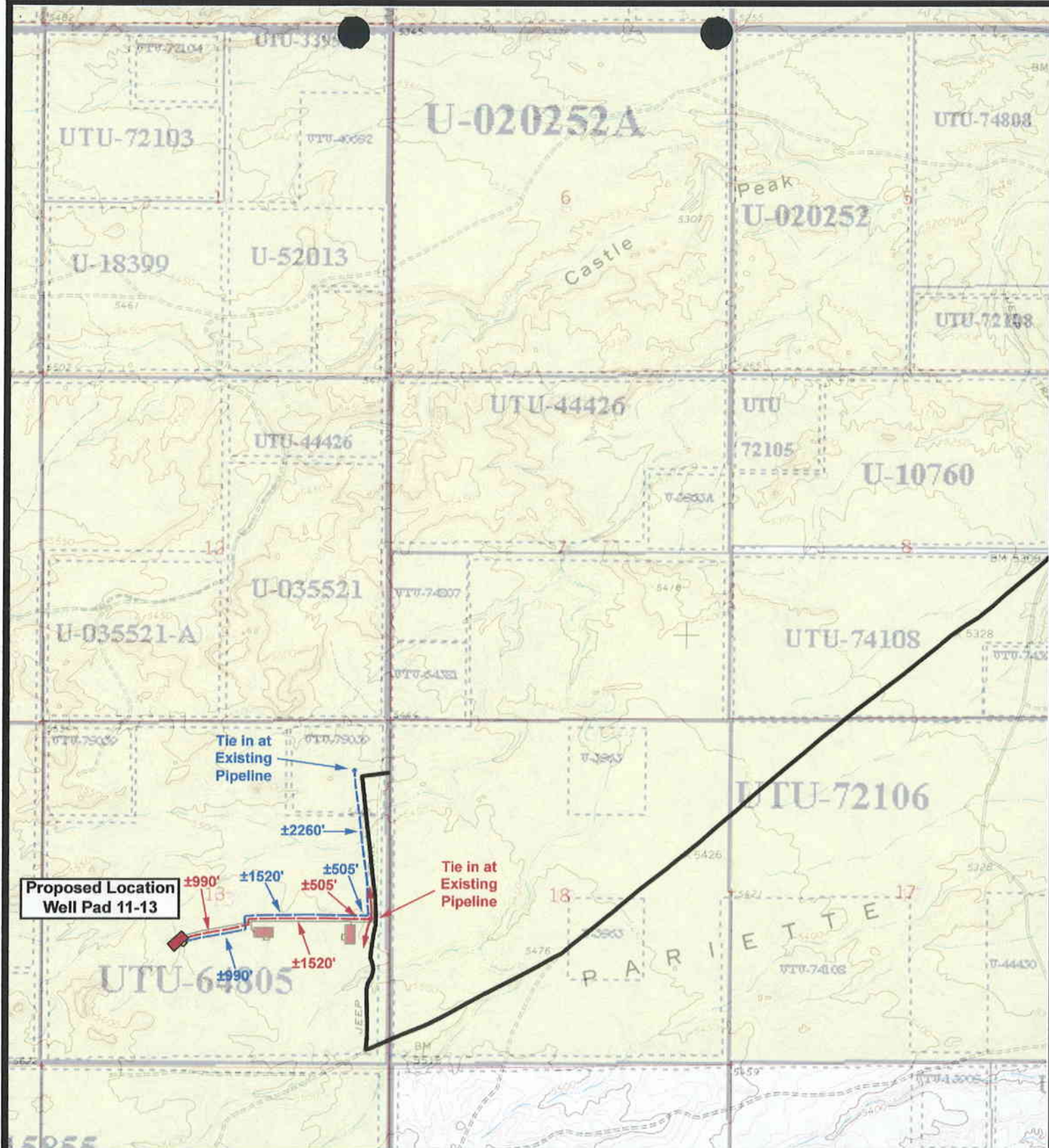
TOPOGRAPHIC MAP

**"A"**









**Federal 11-13-9-16  
SEC. 13, T9S, R16E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: bgm  
DATE: 07-16-2004

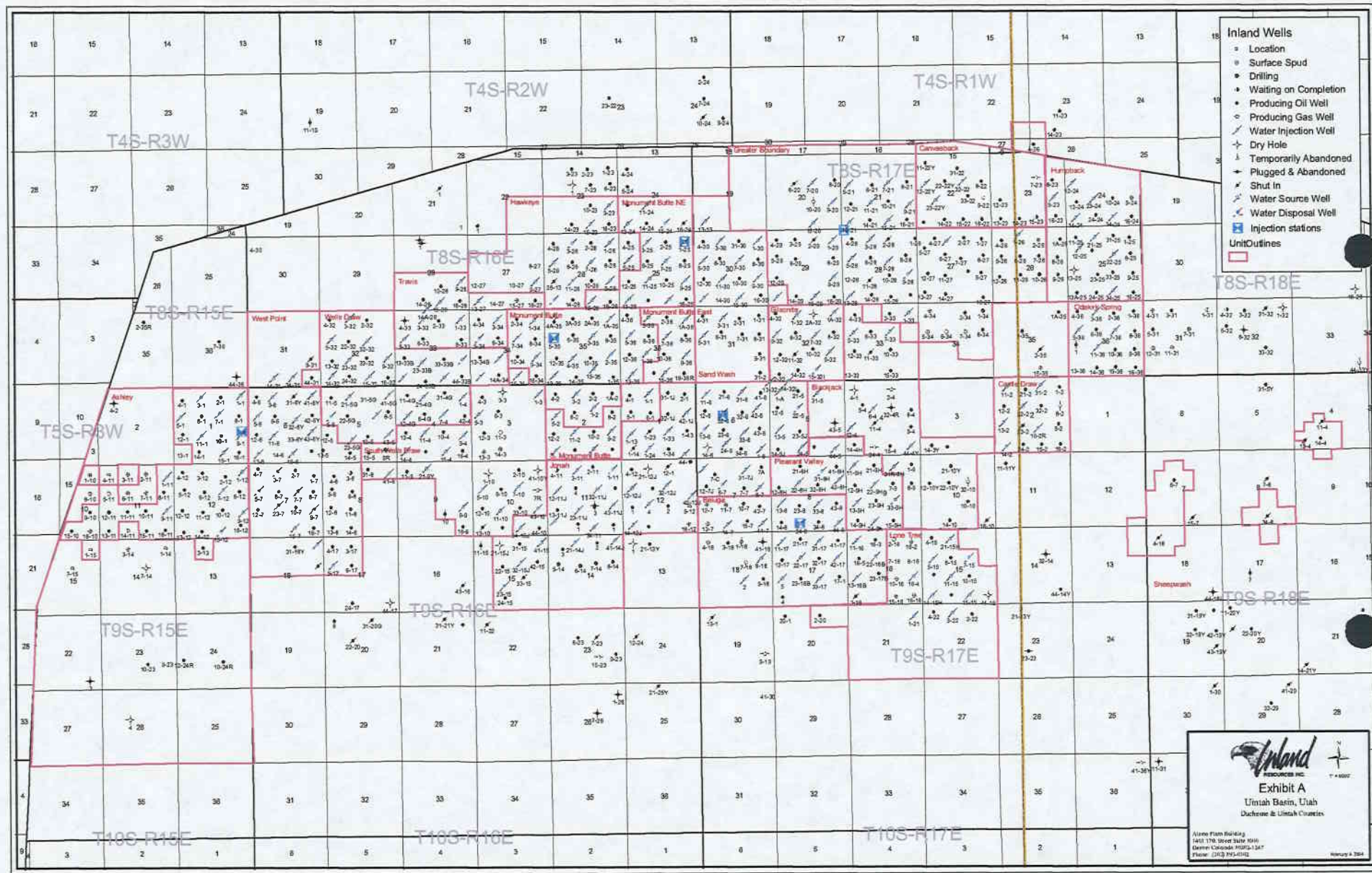
**Legend**

- Roads
- Existing Gas Line
- Proposed Gas Line
- Existing Water Line
- Proposed Water Line

TOPOGRAPHIC MAP

**"C"**





- Inland Wells**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well
  - Water Injection Well
  - Dry Hole
  - Temporarily Abandoned
  - Plugged & Abandoned
  - Shut In
  - Water Source Well
  - Water Disposal Well
  - Injection stations
- Unit Outlines**
- 

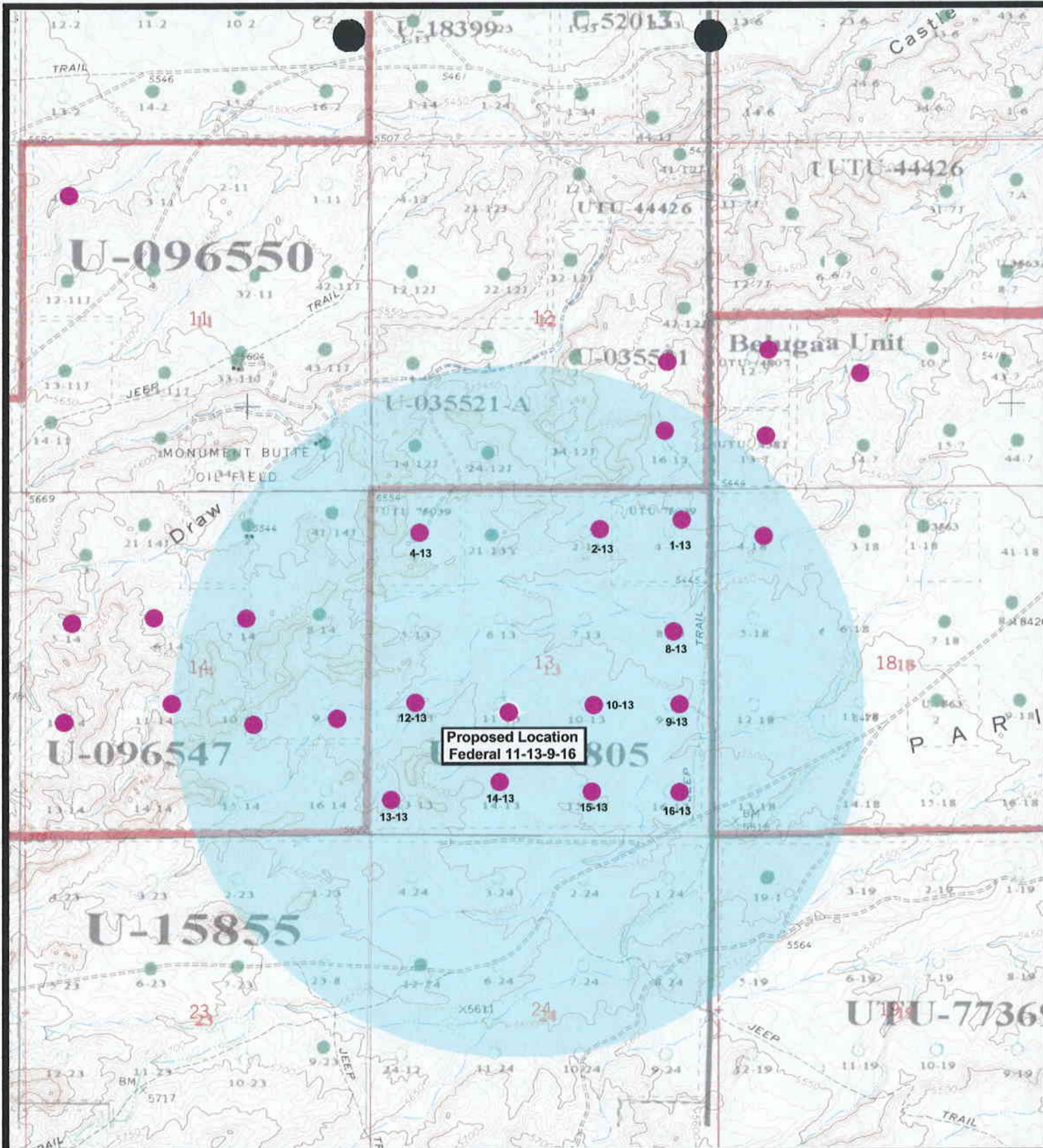
**Inland**  
RESOURCES INC.

**Exhibit A**  
Utah Basin, Utah  
Duchess & Uintah Counties

Alamo Plant Building  
1401 17th Street Suite 1500  
Denver, Colorado 80202-1547  
Phone: (303) 951-0102

Warranty & 304





**Federal 11-13-9-16**  
**SEC. 13, T9S, R16E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'  
 DRAWN BY: bgm  
 DATE: 07-05-2004

**Legend**

- Well Locations
- One-Mile Radius

**Exhibit "B"**

## 2-M SYSTEM

Blowout Prevention Equipment Systems

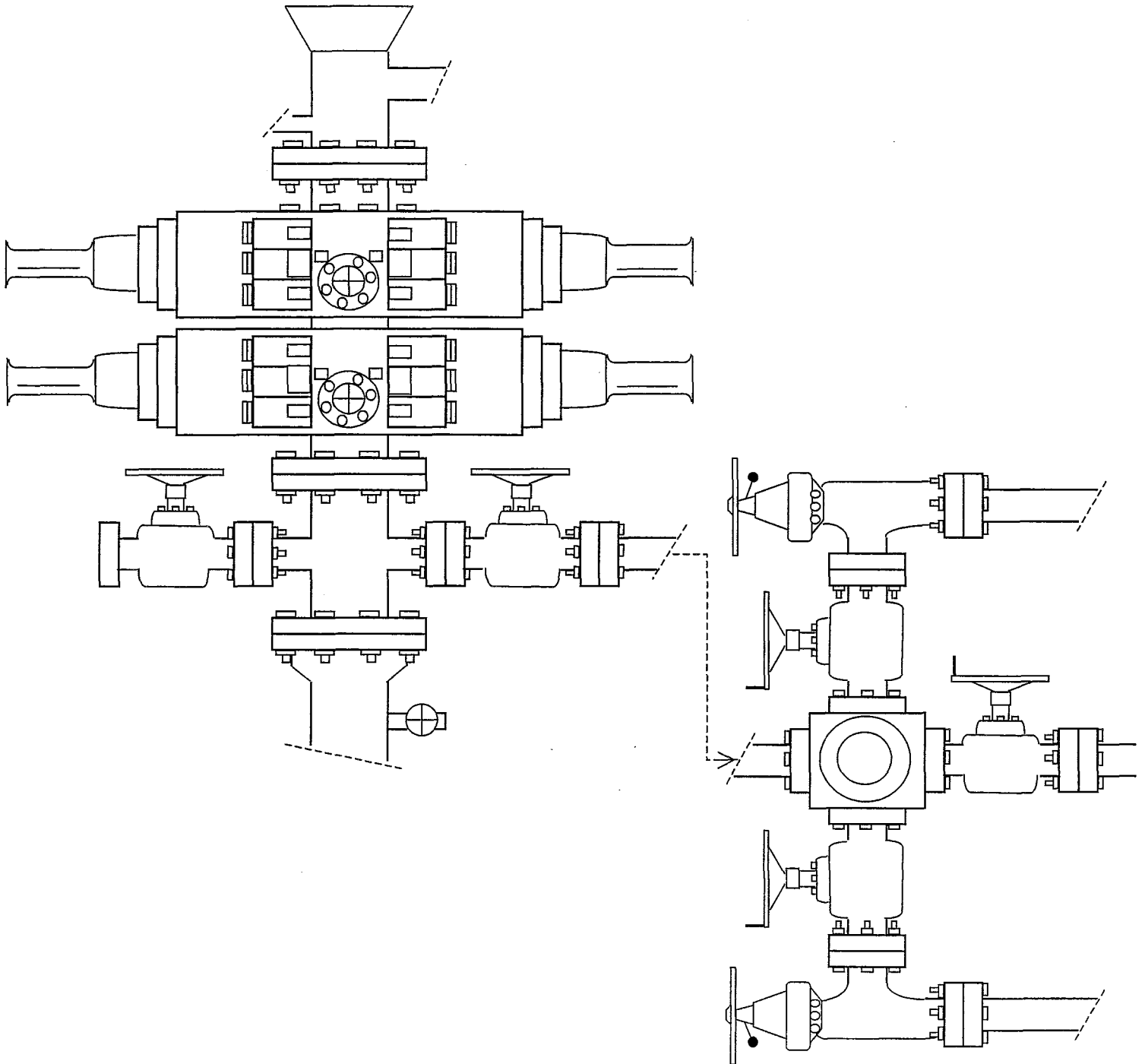


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF INLAND  
RESOURCES' BLOCK PARCELS (T9S, R16E, SEC. 13 & 14)  
NEAR CASTLE PEAK DRAW, DUCHESNE COUNTY, UTAH.

by

Katie Simon  
and  
Keith Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Inland Resources  
Route 3 Box 3630  
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

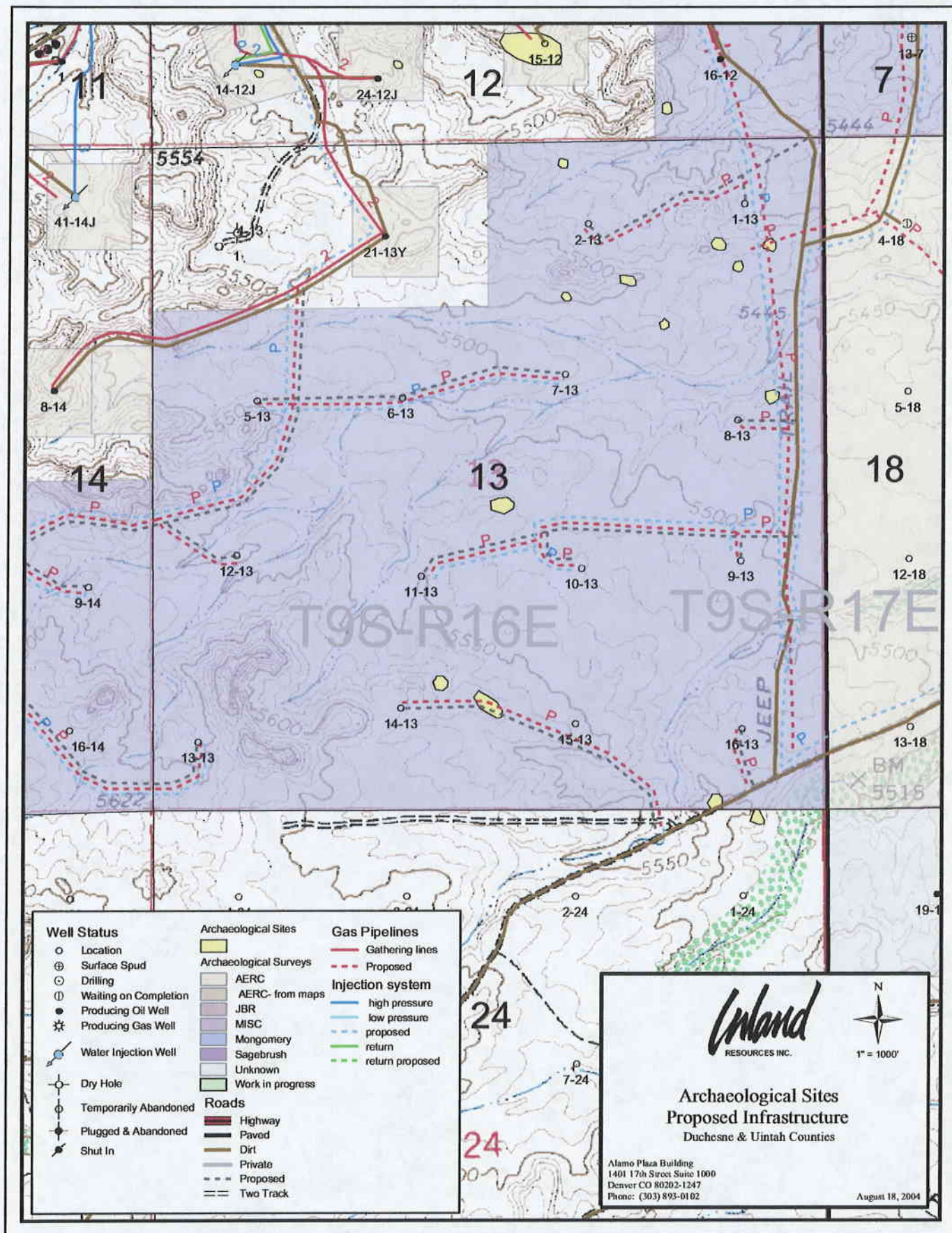
MOAC Report No. 04-44

May 5, 2003

United States Department of Interior (FLPMA)  
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-0328b





**INLAND RESOURCES, INC.**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE & UINTA COUNTIES, UTAH**

Section 13, T 9 S, R 16 E [excluding NW 1/4];  
Section 11, T 9 S, R 18 E [excluding NW/SW, 12-11];  
Section 27, T 9 S, R 15 E [excluding NE/SW, 11-27]

**REPORT OF SURVEY**

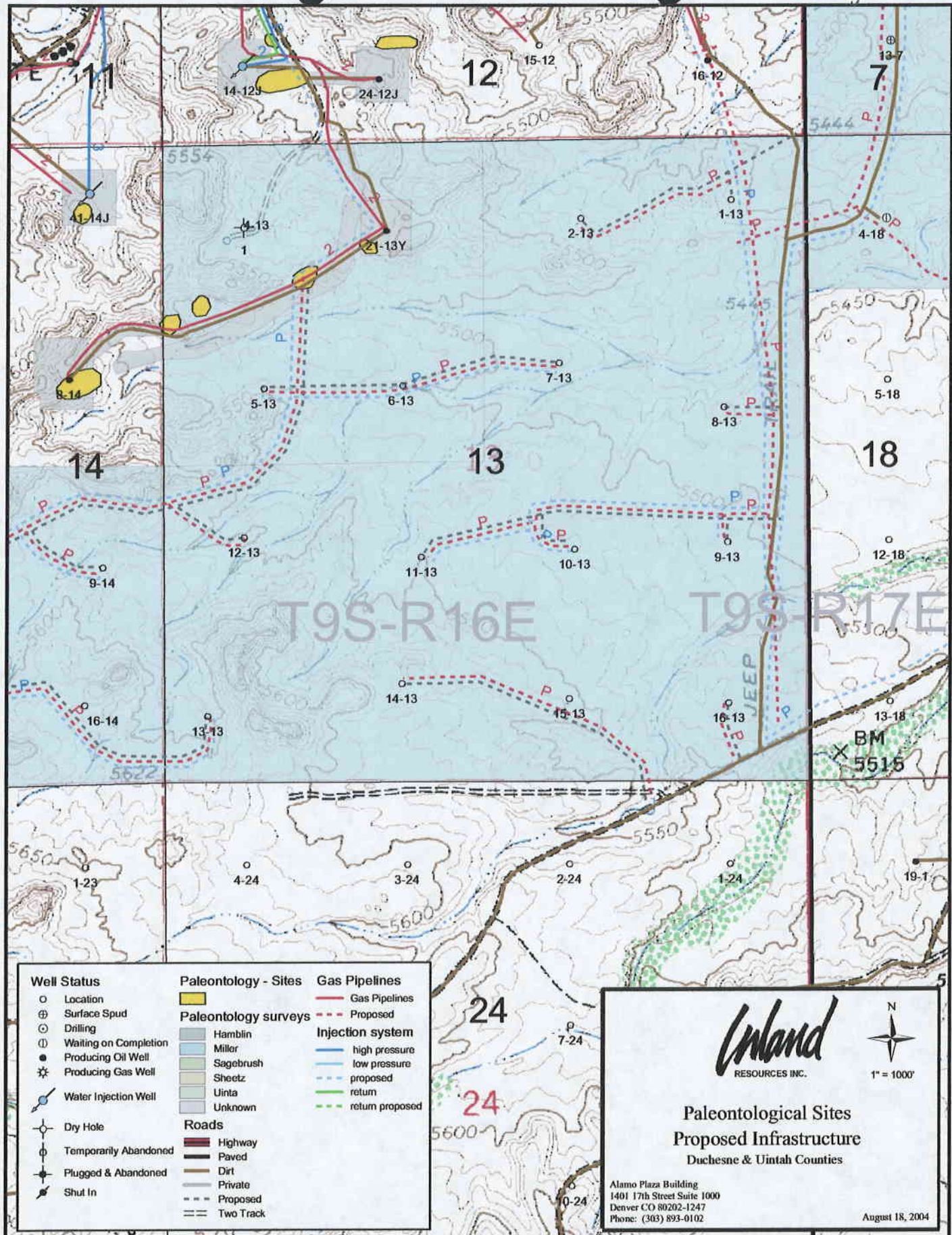
Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
April 7, 2004





**Inland**  
RESOURCES INC.

**Paleontological Sites  
Proposed Infrastructure  
Duchesne & Uintah Counties**

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver CO 80202-1247  
Phone: (303) 893-0102

August 18, 2004

1" = 1000'



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/20/2004

API NO. ASSIGNED: 43-013-32652

WELL NAME: FEDERAL 11-13-9-16

OPERATOR: INLAND PRODUCTION ( N5160 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

## PROPOSED LOCATION:

NESW 13 090S 160E

SURFACE: 1855 FSL 2103 FWL

BOTTOM: 1855 FSL 2103 FWL

DUCHESNE

MONUMENT BUTTE ( 105 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64805

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.02877.

LONGITUDE: -110.0689

## RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTU0056 )
- ☒ Potash (Y/N)
- ☒ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit  
(No. MUNICIPAL )
- ☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- ☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

     R649-2-3.

Unit \_\_\_\_\_

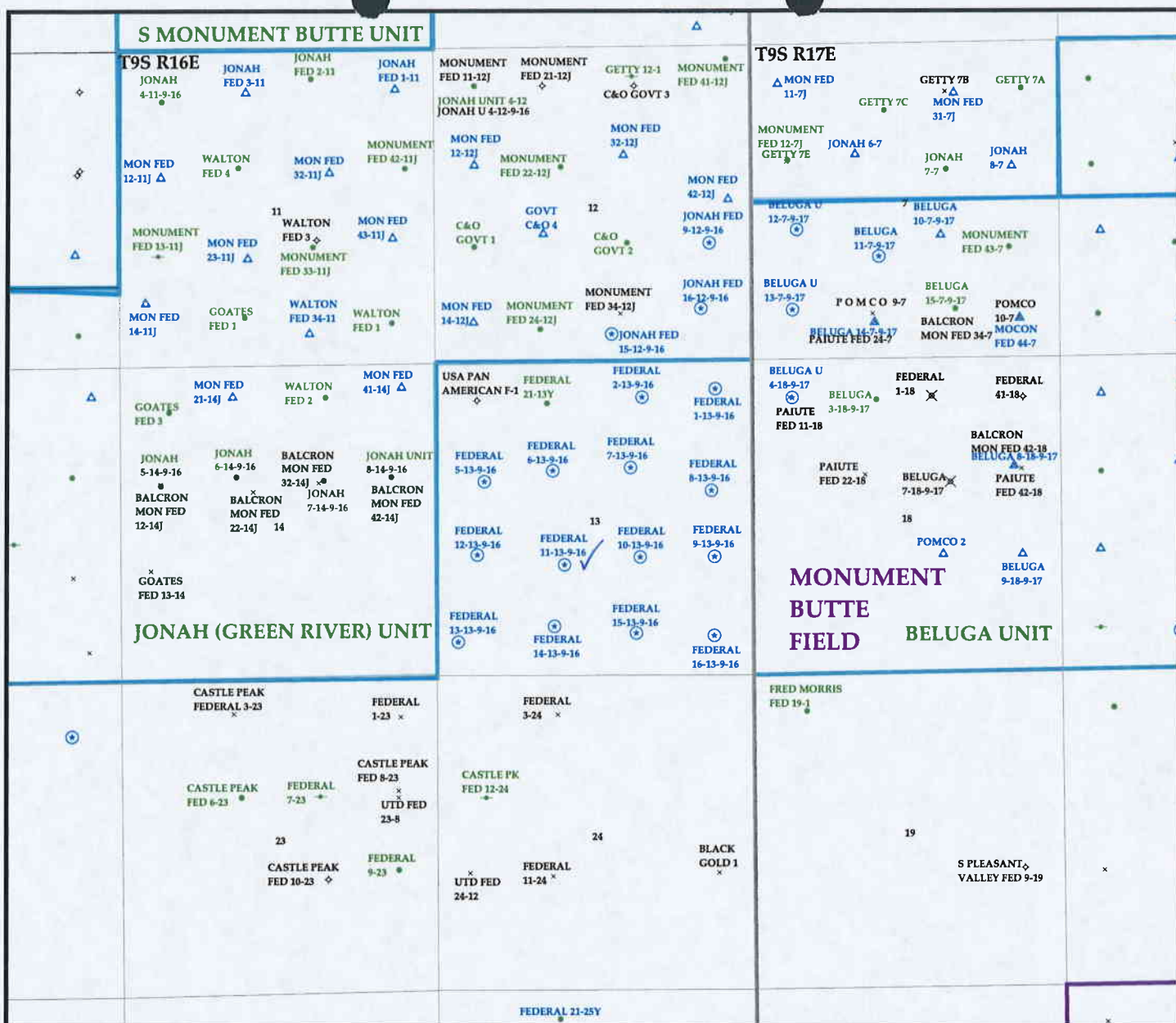
- ☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

## COMMENTS:

See Separate file

## STIPULATIONS:

1- Federal Approved  
2- Spacing Slip



OPERATOR: INLAND PRODUCTION CO (N5160)

SEC. 13 T.9S R.16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESE

SPACING: R649-3-2 / GENERAL SITING

#### Wells

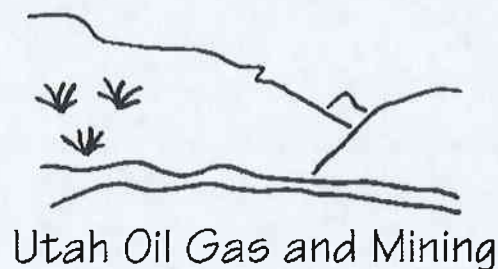
- ⊕ GAS INJECTION
- ⊙ GAS STORAGE
- × LOCATION ABANDONED
- ⊙ NEW LOCATION
- ⊕ PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- ⊙ SHUT-IN GAS
- ⊙ SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◆ WATER SUPPLY
- ♠ WATER DISPOSAL

#### Units.shp

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY  
DATE: 25-AUG-2004



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

August 25, 2004

Inland Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Federal 11-13-9-16 Well, 1855' FSL, 2103' FWL, NE SW, Sec. 13, T. 9 South,  
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32652.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Baza".

John R. Baza  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number Federal 11-13-9-16  
API Number: 43-013-32652  
Lease: UTU-64805

Location: NE SW                      Sec. 13                      T. 9 South                      R. 16 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		





## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

## OPERATOR CHANGE WORKSHEET

006

Change of Operator (Well Sold)

Designation of Agent/Operator

## ROUTING

1. GLH

2. CDW

3. FILE

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

**FROM:** (Old Operator):

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO:** ( New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.

Unit:

**WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
FEDERAL 15-34-8-17	34	080S	170E	4301332628		Federal	OW	APD	K
FEDERAL 14-34-8-17	34	080S	170E	4301332629		Federal	OW	APD	K
FEDERAL 13-34-8-17	34	080S	170E	4301332630		Federal	OW	APD	K
FEDERAL 12-34-8-17	34	080S	170E	4301332631		Federal	OW	APD	K
FEDERAL 16-13-9-16	13	090S	160E	4301332647		Federal	OW	APD	K
FEDERAL 15-13-9-16	13	090S	160E	4301332648		Federal	OW	APD	K
FEDERAL 14-13-9-16	13	090S	160E	4301332649		Federal	OW	APD	K
FEDERAL 13-13-9-16	13	090S	160E	4301332650		Federal	OW	NEW	K
FEDERAL 12-13-9-16	13	090S	160E	4301332651		Federal	OW	APD	K
FEDERAL 11-13-9-16	13	090S	160E	4301332652		Federal	OW	APD	K
FEDERAL 10-13-9-16	13	090S	160E	4301332653		Federal	OW	APD	K
FEDERAL 9-13-9-16	13	090S	160E	4301332654		Federal	OW	APD	K
FEDERAL 8-13-9-16	13	090S	160E	4301332655		Federal	OW	APD	K
FEDERAL 7-13-9-16	13	090S	160E	4301332656		Federal	OW	APD	K
FEDERAL 11-20-9-16	20	090S	160E	4301332598		Federal	OW	APD	K
FEDERAL 1-22-9-16	22	090S	160E	4301332612		Federal	OW	NEW	K
FEDERAL 9-10-9-17	10	090S	170E	4301332502	14325	Federal	OW	DRL	K
FEDERAL 13-11-9-17	11	090S	170E	4301332510	14273	Federal	OW	P	K
FEDERAL 12-11-9-17	11	090S	170E	4301332544		Federal	OW	APD	K
FEDERAL 1-15-9-17	15	090S	170E	4301332596		Federal	OW	APD	K

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

- Changes entered in the Oil and Gas Database on: 2/28/2005
- Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
- Bond information entered in RBDMS on: 2/28/2005
- Fee/State wells attached to bond in RBDMS on: 2/28/2005
- Injection Projects to new operator in RBDMS on: 2/28/2005
- Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

- Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

- (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
- The FORMER operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-64805**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**N/A**

8. Well Name and No.

**FEDERAL 11-13-9-16**

9. API Well No.

**43-013-32652**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well



Oil  
Well



Gas  
Well



Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1855 FSL 2103 FWL NE/SW Section 13, T9S R16E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**



Notice of Intent



Subsequent Report



Final Abandonment Notice

**TYPE OF ACTION**



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other

**Permit Extension**



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/25/04 (expiration 8/25/05).

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: **08-25-05**

By: **[Signature]**

COPY SENT TO OPERATOR  
Date: **8-30-05**  
Initials: **LTD**

14. I hereby certify that the foregoing is true and correct

Signed

**[Signature]**  
Mandie Crozier

Title

Regulatory Specialist

Date

**8/19/2005**

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

**RECEIVED**

**AUG 22 2005**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DIV. OF OIL, GAS & MINING

SECRET

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-32652  
**Well Name:** Federal 11-13-9-16  
**Location:** NE/SW Section 13, T9S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 8/25/2004

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐ NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

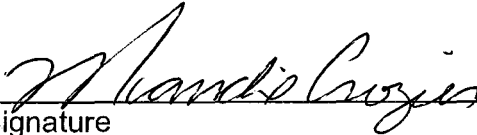
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

8/19/2005

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

AUG 22 2005

DIV. OF OIL, GAS & MINING



# RECEIVED

AUG 20 2004

BLM VERNAL, UTAH

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64805
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Inland Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 11-13-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE/SW 1855' FSL 2103' FWL At proposed prod. zone		9. API Well No. 43-013-321052
14. Distance in miles and direction from nearest town or post office* Approximatley 20.0 miles south of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1,855' f/ise, NA f/unit	16. No. of Acres in lease 560.00	11. Sec., T., R., M., or Blk. and Survey or Area NE/SW Sec. 13, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,199'	17. Spacing Unit dedicated to this well 40 Acres	12. County or Parish Duchesne
19. Proposed Depth 6500'	20. BLM/BIA Bond No. on file UTU0056	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5444' GL	22. Approximate date work will start* 1st Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/19/04
Title Regulatory Specialist		
Approved by (Signature) <i>Thomas R. Clauger</i>	Name (Printed/Typed)	Date 06/23/2005
Title Assistant Field Manager Mineral Resources	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

# RECEIVED

SEP 14 2005

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

# CONDITIONS OF APPROVAL ATTACHED

*UDOGM*

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company  
Well Name & Number: Federal 11-13-9-16  
API Number: 43-013-32652  
Lease Number: U-64805  
Location: NESW Sec. 13 T.9S R. 16E  
Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

**Please submit to this office, in LAS format, an electronic copy of all logs run on this well  
This submission will replace the requirement for submittal of paper logs to the BLM.**

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood (435) 828-7874  
Petroleum Engineer

Michael Lee (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

-In order to mitigate impacts to mountain plovers, no new construction or surface disturbing activities would occur during the nesting season of May 1 to June 15. If new construction or surface disturbing activities are scheduled during the nesting season, pre-construction surveys will be conducted by a qualified biologist using U.S. Fish and Wildlife's mountain plover survey guidelines to detect the presence of nesting mountain plovers.

## DIVISION OF OIL, GAS AND MINING

### ***SPUDDING INFORMATION***

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 11-13-9-16

Api No: 43-013-32652 Lease Type: FEDERAL

Section 13 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

### **SPUDDED:**

Date 10/31/05

Time 9:30 AM

How DRY

***Drilling will Commence:*** \_\_\_\_\_

Reported by ALVIN NIELSEN

Telephone # 1-435-823-7468

Date 10/31/2005 Signed CHD

RECEIVED

NOV 02 2005


STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052DIV. OF OIL, GAS & MINING  
OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15020	43-013-32653	FEDERAL 10-13-9-16	NWSE	13	9S	16E	DUCHESNE	10/26/05	11/3/05
WELL 1 COMMENTS: GRV - J											
A	99999	15021	43-047-36080	FEDERAL 16-35-8-17	SESE	35	8S	17E	UINTAH	10/27/05	11/3/05
WELL 2 COMMENTS: GRV - J											
B	99999	14844	43-013-32596	FEDERAL 1-15-9-17	NENE	15	9S	17E	DUCHESNE	10/31/05	11/3/05
WELL 3 COMMENTS: GRV - J											
A	99999	15022	43-013-32652	FEDERAL 11-13-9-16	NESW	13	9S	16E	DUCHESNE	10/31/05	11/3/05
WELL 4 COMMENTS: GRV - J											
A	99999	15023	43-047-36076	FEDERAL 8-35-8-17	SENE	35	8S	17E	UINTAH	11/02/05	11/3/05
WELL 5 COMMENTS: GRV - J											
B	99999	14844	43-013-32705	FEDERAL 4-14-9-17	NWYNW	14	9S	17E	DUCHESNE	11/02/05	11/3/05
WELL 6 COMMENTS: GRV - J											

ACTION CODES: See instructions on back of form

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group of well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

  
 Signature

Kim Kettle

Production Clerk  
TitleNovember 2, 2005  
Date

11/02/2005 13:09

4366463031

INLAND

PAGE 02

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1855 FSL 2103 FWL

NE/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/31/2005 MIRU Ross Rig # 24. Spud well @ 9:30 AM. Drill 308' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 306.83' KB On 11/3/2005 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 2 bbls cement to pit. WOC.

RECEIVED  
NOV 08 2005  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Floyd Mitchell

Title

Drilling Supervisor

Signature

Date

11/04/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)



# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 306.83

LAST CASING 8 5/8" SET AT 306.83'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 308' LOGGER N/A  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Federal 11-13-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross Rig # 24

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 37.41'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	294.98
		<b>GUIDE</b> shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	296.83
TOTAL LENGTH OF STRING	296.83	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	<b>306.83</b>

TOTAL	294.98	7	} COMPARE	
TOTAL CSG. DEL. (W/O THRS)	294.98	7		
TIMING	1ST STAGE			
BEGIN RUN CSG.	Spud	10/31/2005	9:30 AM	GOOD CIRC THRU JOB <u>Yes</u>
CSG. IN HOLE		11/1/2005	12:00 PM	Bbls CMT CIRC TO SURFACE <u>2</u>
BEGIN CIRC		11/3/2005	12:37 PM	RECIPROCATED PIPE FOR <u>N/A</u>
BEGIN PUMP CMT		11/3/2005	12:45 PM	
BEGIN DSPL. CMT		11/3/2005	12:54 PM	BUMPED PLUG TO <u>125</u> PSI
PLUG DOWN		11/3/2005	1:03 PM	

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3		

COMPANY REPRESENTATIVE Floyd Mitchell DATE 11/3/2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1855 FSL 2103 FWL

NE/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/13/05 MIRU Union Rig # 14. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 252'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5800. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 131 jt's of 5.5 J-55, 15.5# csgn. Set @ 5879.70' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With 20 bbls cement returned to pit. Nipple down Bop's. Drop slips @ 98,000 #'s tension. Release rig 8:00 PM 11/17/05.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Alvin Nielsen

Signature



Title

Drilling Foreman

Date

11/17/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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Date

Office

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(Instructions on reverse)

RECEIVED

NOV 22 2005

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5789.7

Flt cllr @ 5746.76

LAST CASING 8 5/8" SET / 306'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 11-13-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE \_\_\_\_\_

CONTRACTOR & RIG # Union #14

TD\_DRILLER 5800 LOGGER 5800

HOLE SIZE 7 7/8"

LOG OF CASING STRING:								
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt					14	
		Short jt 3684.97 (6.68')						
131	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5745.75	
		Float collar					0.6	
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	30.7	
		<b>GUIDE</b> shoe			8rd	A	0.65	
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		5791.7	
TOTAL LENGTH OF STRING			5791.7	132	LESS CUT OFF PIECE		14	
LESS NON CSG. ITEMS			15.25		PLUS DATUM TO T/CUT OFF CSG		12	
PLUS FULL JTS. LEFT OUT			132.97	3	CASING SET DEPTH		<b>5789.7</b>	
TOTAL			<b>5909.42</b>	135	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)			5909.42	135				
TIMING			1ST STAGE	2nd STAGE				
BEGIN RUN CSG.			11/17/2005	9:00 AM	GOOD CIRC THRU JOB			YES
CSG. IN HOLE			11/17/2005	1:00 PM	Bbls CMT CIRC TO SURFACE			20
BEGIN CIRC			11/17/2005	1:00 PM	RECIPROCATED PIPE FOR			THRU NO FT STROKE
BEGIN PUMP CMT			11/17/2005	2:15 PM	DID BACK PRES. VALVE HOLD ?			YES
BEGIN DSPL. CMT			11/17/2005	3:10 PM	BUMPED PLUG TO			2562 PSI
PLUG DOWN			11/17/2005	3:34 PM				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	325	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake						
		mixed @ 11.0 ppg W / 3.43 cf/sk yield						
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD						
CENTRALIZER & SCRATCHER PLACEMENT				SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								

COMPANY REPRESENTATIVE Alvin Nielsen

DATE 11/17/2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include are code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1855 FSL 2103 FWL

NE/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/13/05 MIRU Union Rig # 14. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 252'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,800. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 131 jt's of 5.5 J-55, 15.5# csgn. Set @ 5789' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With 20 bbls cement returned to pit. Nipple down Bop's. Drop slips @98,000 #'s tension. Release rig 8:00 PM 11/17/05

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Alvin Nielsen

Title

Drilling Foreman

Signature

*Alvin Nielsen*

Date

11/23/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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Date

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(Instructions on reverse)

RECEIVED

NOV 30 2005

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5789.7

LAST CASING 8 5/8" SET / 306'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 5800 LOGGER 5800  
 HOLE SIZE 7 7/8"

Flt clir @ 5746.76  
 OPERATOR Newfield Production Company  
 WELL Federal 11-13-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Union #14

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3684.97 (6.68')					
131	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5745.75
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	30.7
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5791.7
TOTAL LENGTH OF STRING		5791.7	132	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		132.97	3	CASING SET DEPTH			<b>5789.7</b>
TOTAL		<b>5909.42</b>	135	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5909.42	135				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		11/17/2005	9:00 AM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		11/17/2005	1:00 PM	Bbls CMT CIRC TO SURFACE <u>20</u>			
BEGIN CIRC		11/17/2005	1:00 PM	RECIPROCATED PIPE FOR _____ THRU <u>NO</u> FT STROKE			
BEGIN PUMP CMT		11/17/2005	2:15 PM	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT		11/17/2005	3:10 PM	BUMPED PLUG TO <u>2562</u> PSI			
PLUG DOWN		11/17/2005	3:34 PM				

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	325	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake	
		mixed @ 11.0 ppg W / 3.43 cf/sk yield	
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.			

COMPANY REPRESENTATIVE Alvin Nielsen DATE 11/17/2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1855 FSL 2103 FWL

NE/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)  
Mandie Crozier

Title

Regulatory Specialist

Signature

Date

12/15/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

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Title

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(Instructions on reverse)

**RECEIVED**

**DEC 19 2005**

**DIV. OF OIL, GAS & MINING**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1855 FSL 2103 FWL

NE/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

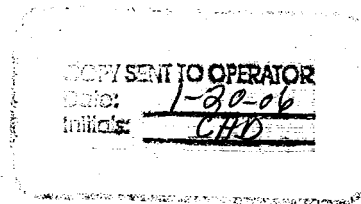
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Variance
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions



I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Mandie Crozier

Title

Regulatory Specialist

Signature

Date

12/15/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Approved by  
Title High Division of  
Oil, Gas and Mining  
Office

Date

Federal Approval Of This  
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any statement or report of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

Date: 12/29/05  
By: [Signature]  
RECEIVED

DEC 19 2005

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1855 FSL 2103 FWL

NE/SW Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 12/05/05 - 12/14/05

Subject well had completion procedures initiated in the Green River formation on 12-05-05 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5628'-5634'), (5610'-5614'); Stage #2 (5423'-5429'), (5387'-5394'), (5361'-5369'); Stage #3 (4938'-4944'); Stage #4 (4776'-4782'); Stage #5 (4012'-4020'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 12-12-2005. Bridge plugs were drilled out and well was cleaned to 5746'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 12-14-2005.

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DEC 22 2005

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)  
Lana Nebeker

Signature

Title

Production Clerk

Date

12/21/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. UTU-64805	
1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____		7. UNIT AGREEMENT NAME NA	
2. NAME OF OPERATOR Newfield Exploration Company		8. FARM OR LEASE NAME, WELL NO. Federal 11-13-9-16	
3. ADDRESS AND TELEPHONE NO. 1401 17th St. Suite 1000 Denver, CO 80202		9. WELL NO. 43-013-32652	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 1855' FSL & 2103' FWL (NE/SW) Sec. 13, T9S, R16E At top prod. Interval reported below		10. FIELD AND POOL OR WILDCAT Monument Butte	
11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA Sec. 13, T9S, R16E		12. COUNTY OR PARISH Duchesne	
13. STATE UT		14. API NO. 43-013-32652	
15. DATE SPUNDED 10/31/05		16. DATE T.D. REACHED 11/16/05	
17. DATE COMPL. (Ready to prod.) 12/14/05		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5444' GL 5456' KB	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5800'	
21. PLUG BACK T.D., MD & TVD 5758'		22. IF MULTIPLE COMPLETIONS HOW MANY*	
23. INTERVALS DRILLED BY ----->		24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 4012'-5634'	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
35. LIST OF ATTACHMENTS		36. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records	

RECEIVED

JAN 20 2006

DIV. OF OIL, GAS & MINING

Regulatory Specialist

1/17/2006

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 11-13-9-16	Garden Gulch Mkr	3478'	
				Garden Gulch 1	3681'	
				Garden Gulch 2	3792'	
				Point 3 Mkr	4057'	
				X Mkr	4314'	
				Y-Mkr	4359'	
				Douglas Creek Mkr	4473'	
				BiCarbonate Mkr	4710'	
				B Limestone Mkr	4822'	
				Castle Peak	5328'	
				Basal Carbonate	5760'	
				Total Depth (LOGGERS)	5800'	



March 23, 2012

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Federal #11-13-9-16  
Monument Butte Field, Lease #UTU-64805  
Section 13-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #11-13-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg  
Regulatory Lead

**RECEIVED**  
**MAR 28 2012**  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**FEDERAL #11-13-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-64805**  
**MARCH 23, 2012**



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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: Federal #11-13-9-16  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-64805  
Well Location: QQ NESW section 13 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? ..... Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? ..... Yes ☒ No ☐  
Disposal? ..... Yes ☐ No ☒  
Storage? ..... Yes ☐ No ☒

Is this application for a new well to be drilled? ..... Yes ☐ No ☒

If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes ☐ No ☒

Date of test: \_\_\_\_\_


API number: 43-013-32652

Proposed injection interval: from 3791 to 5758  
Proposed maximum injection: rate 500 bpd pressure 1674 psig  
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2  
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should  
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature   
Title Regulatory Lead Date 3/23/12  
Phone No. (303) 893-0102

(State use only)

Application approved by \_\_\_\_\_ Title \_\_\_\_\_

Approval Date \_\_\_\_\_

Comments:

# Federal 11-13-9-16

Spud Date: 10/31/05

Put on Production: 12/14/05

GL: 5444' KB:5454'

Initial Production: BOPD 51,  
MCFD 39, BWPD 28

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (296.83')

DEPTH LANDED: 306.83' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class "G" mixed cmt, est 2 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 132 jts. (5791.7')

DEPTH LANDED: 5789.7' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sx Prem. Lite II mixed & 450 sx 50/50 POZ mix.

CEMENT TOP AT: 34'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 172 jts (5571.73')

TUBING ANCHOR: 5581.73' KB

NO. OF JOINTS: 1 jt (32.55')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5617.08' KB

NO. OF JOINTS: 2 jts (63.62')

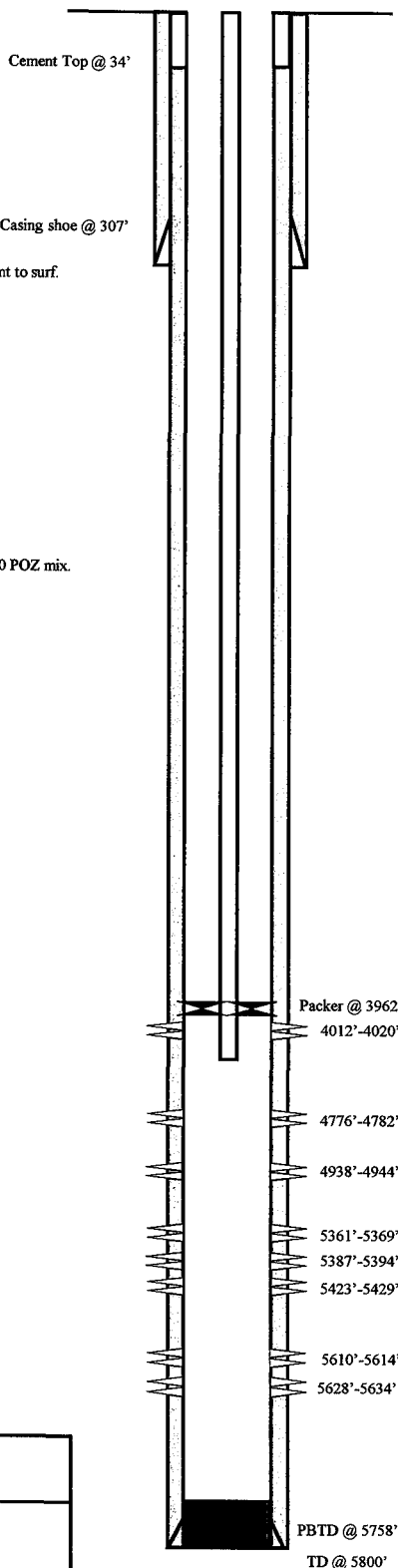
TOTAL STRING LENGTH: EOT @ 5682.25' w/ 10' KB

### FRAC JOB

12/09/05	5610'-5634'	<b>Frac CP4 sands as follows:</b> 40,198# 20/40 sand in 394 bbls lightning Frac 17 fluid. Treated @ avg press of 1702 psi w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc flush: 5608 gal. Actual flush: 5007 gal.
12/09/05	5361'-5429'	<b>Frac CP1 &amp; CP2 sands as follows:</b> 95,683# 20/40 sand in 703 bbls lightning Frac 17 fluid. Treated @ avg press of 1593 psi w/avg rate of 24.7 BPM. ISIP 2150 psi. Calc flush: 5359 gal. Actual flush: 4775 gal.
12/10/05	4938'-4944'	<b>Frac A1 sands as follows:</b> 20,953# 20/40 sand in 278 bbls lightning Frac 17 fluid. Treated @ avg press of 1972 psi w/avg rate of 24.8 BPM. ISIP 1950 psi. Calc flush: 4936 gal. Actual flush: 4368 gal.
12/10/05	4776'-4782'	<b>Frac B1 sands as follows:</b> 36,114# 20/40 sand in 380 bbls lightning Frac 17 fluid. Treated @ avg press of 2210psi w/avg rate of 24.9 BPM. ISIP 1975 psi. Calc flush: 4774 gal. Actual flush: 3822 gal.
12/10/05	4012'-4020'	<b>Frac GB4 sands as follows:</b> 19,329# 20/40 sand in 268 bbls lightning Frac 17 fluid. Treated @ avg press of 1347psi w/avg rate of 14.3 BPM. ISIP 1700 psi. Calc flush: 4010 gal. Actual flush: 3927 gal.
06/28/07		Pump Change. Update rod and tubing details.

### PERFORATION RECORD

12/05/05	5628'-5634'	4 JSPF	24 holes
12/05/05	5610'-5614'	4 JSPF	16 holes
12/09/05	5423'-5429'	4 JSPF	24 holes
12/09/05	5387'-5394'	4 JSPF	28 holes
12/09/05	5361'-5369'	4 JSPF	32 holes
12/09/05	4938'-4944'	4 JSPF	24 holes
12/10/05	4776'-4782'	4 JSPF	24 holes
12/10/05	4012'-4020'	4 JSPF	32 holes



**NEWFIELD**

**Federal 11-13-9-16**

1855' FSL & 2103' FWL

NE/SW Section 13-T9S-R16E

Duchesne County, Utah

API #43-013-32652; Lease #UTU-64805

JL 3/14/2012

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Federal #11-13-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Federal #11-13-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3791' - 5758'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3474' and the TD is at 5800'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Federal #11-13-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-64805) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.



**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
  - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 307' KB, and 5-1/2", 15.5# casing run from surface to 5790' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1674 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Federal #11-13-9-16, for existing perforations (4012' - 5634') calculates at 0.86 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1674 psig. We may add additional perforations between 3474' and 5800'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Federal #11-13-9-16, the proposed injection zone (3791' - 5758') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-14.

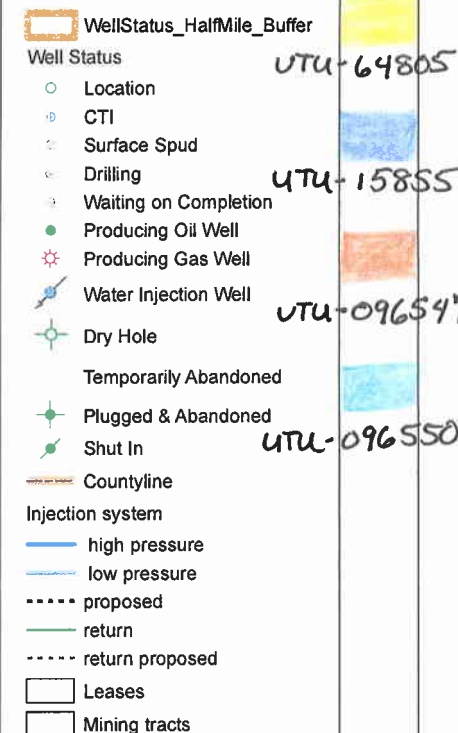
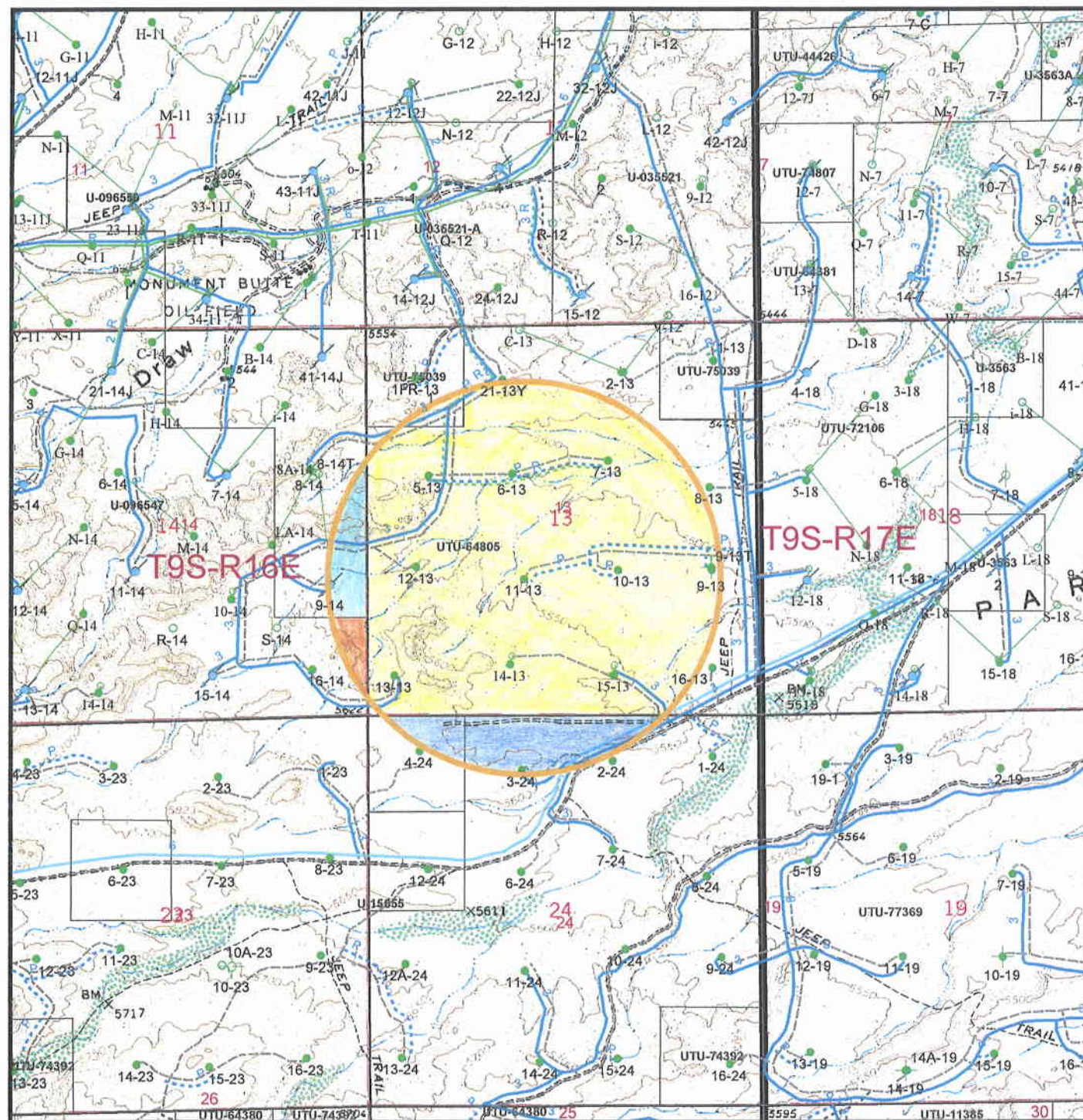
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



Federal 11-13  
Section 13, T9S-R16E

**NEWFIELD**

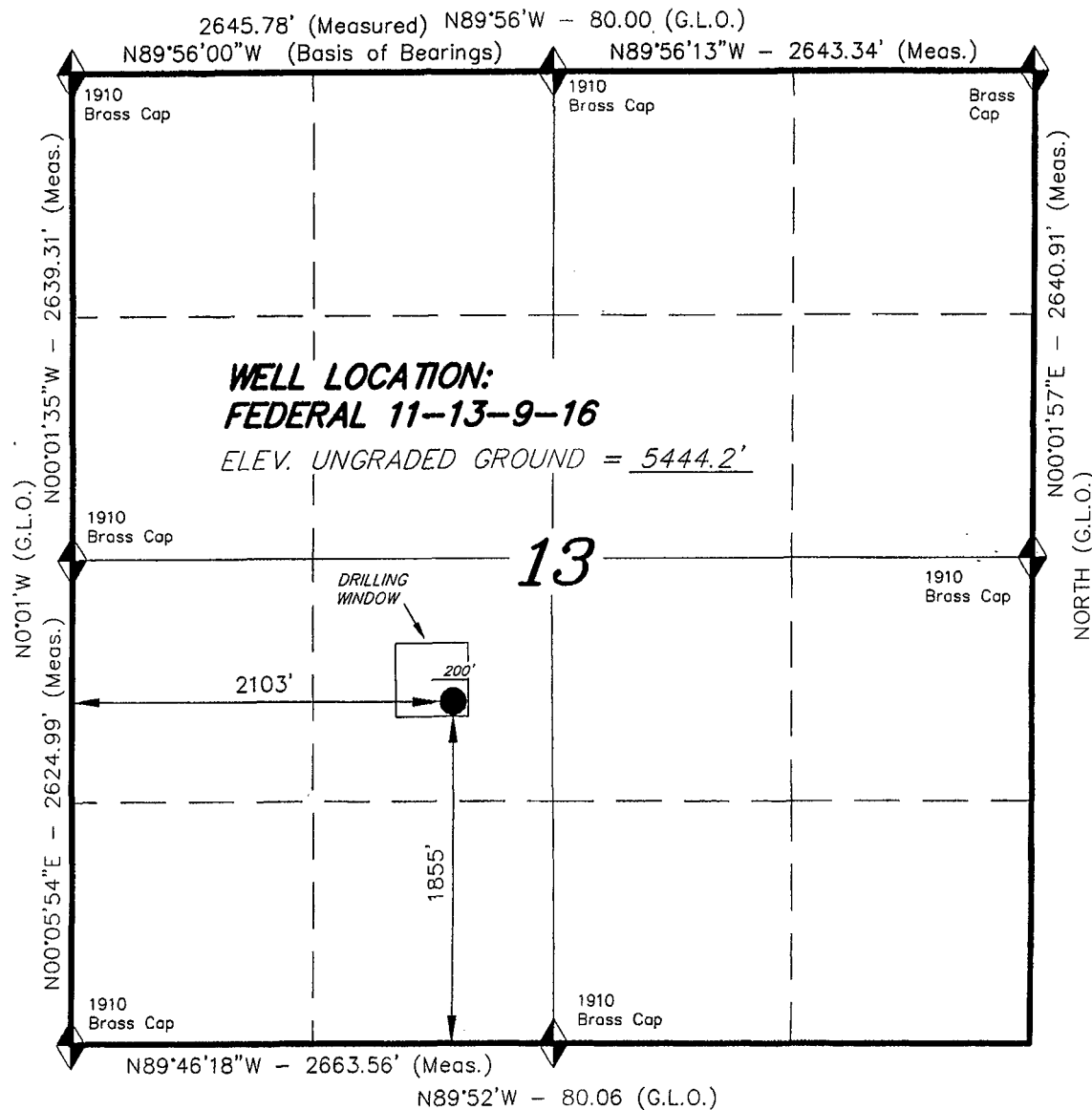


1" = 2000'

**1/2 Mile Radius Map**  
Duchesne & Uintah Counties

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

January 25, 2012

**T9S, R16E, S.L.B.&M.****INLAND PRODUCTION COMPANY**

WELL LOCATION, FEDERAL 11-13-9-16,  
 LOCATED AS SHOWN IN THE NE 1/4 SW  
 1/4 OF SECTION 13, T9S, R16E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
 MADE BY ME OR UNDER MY SUPERVISION AND THAT  
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
 MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 189377  
 STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**  
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
 (435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 7-15-04

DRAFTED BY: F.T.M.

NOTES:

FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)



**EXHIBIT B**

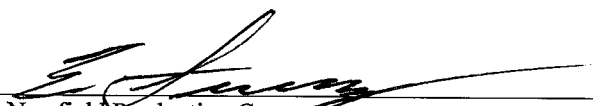
#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 13: NWNE, NENW, S2N2, S2	USA UTU-64805 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 23: E2, NW, E2SW, NWSW Section 24: N2, SW, N2SE, SWSE	USA UTU-15855 HBP	Newfield Production Company Newfield RMI LLC Bee Hive Oil LLC Journey Properties LLC King Oil & Gas of Texas LTD Six Gold Oil LLC Stone Energy Corp	USA
3	T9S-R16E SLM Section 11: W2SW, SESW Section 14: SWNE, W2, W2SE, SESE	USA UTU-096547 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA
4	T9S-R16E SLM Section 11: E2, NW, NESW Section 12: NW Section 14: N2NE, SENE, NESE	USA UTU-096550 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Federal #11-13-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

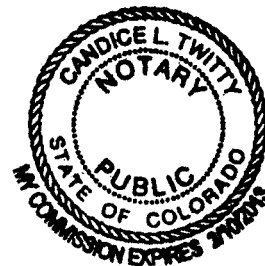
Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 23<sup>rd</sup> day of March, 2012.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires  
02/10/2013

My Commission Expires: \_\_\_\_\_





## Federal 11-13-9-16

Spud Date: 10/31/05

Put on Production: 12/14/05

GL: 5444' KB:5454'

## Wellbore Diagram

Initial Production: BOPD 51,  
MCFD 39, BWPD 28**SURFACE CASING**

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (296.83')

DEPTH LANDED: 306.83' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class "G" mixed cmt, est 2 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 132 jts. (5791.7')

DEPTH LANDED: 5789.7' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sx Prem. Lite II mixed &amp; 450 sx 50/50 POZ mix.

CEMENT TOP AT: 34'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 172 jts (5571.73')

TUBING ANCHOR: 5581.73' KB

NO. OF JOINTS: 1 jt (32.55')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5617.08' KB

NO. OF JOINTS: 2 jts (63.62')

TOTAL STRING LENGTH: EOT @ 5682.25' w/ 10' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'

SUCKER RODS: 1-6", 1-4", 1-2" x 3/4" pony rods, 100-3/4" scraped rods, 99-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.

PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC pump w/ SM Plunger

STROKE LENGTH: 86"

PUMP SPEED, SPM: 6 SPM

**FRAC JOB**

12/09/05 5610'-5634'

**Frac CP4 sands as follows:**

40,198# 20/40 sand in 394 bbls lightning Frac 17 fluid. Treated @ avg press of 1702 psi w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc flush: 5608 gal. Actual flush: 5007 gal.

12/09/05 5361'-5429'

**Frac CP1 & CP2 sands as follows:**

95,683# 20/40 sand in 703 bbls lightning Frac 17 fluid. Treated @ avg press of 1593 psi w/avg rate of 24.7 BPM. ISIP 2150 psi. Calc flush: 5359 gal. Actual flush: 4775 gal.

12/10/05 4938'-4944'

**Frac A1 sands as follows:**

20,953# 20/40 sand in 278 bbls lightning Frac 17 fluid. Treated @ avg press of 1972 psi w/avg rate of 24.8 BPM. ISIP 1950 psi. Calc flush: 4936 gal. Actual flush: 4368 gal.

12/10/05 4776'-4782'

**Frac B1 sands as follows:**

36,114# 20/40 sand in 380 bbls lightning Frac 17 fluid. Treated @ avg press of 2210psi w/avg rate of 24.9 BPM. ISIP 1975 psi. Calc flush: 4774 gal. Actual flush: 3822 gal.

12/10/05 4012'-4020'

**Frac GB4 sands as follows:**

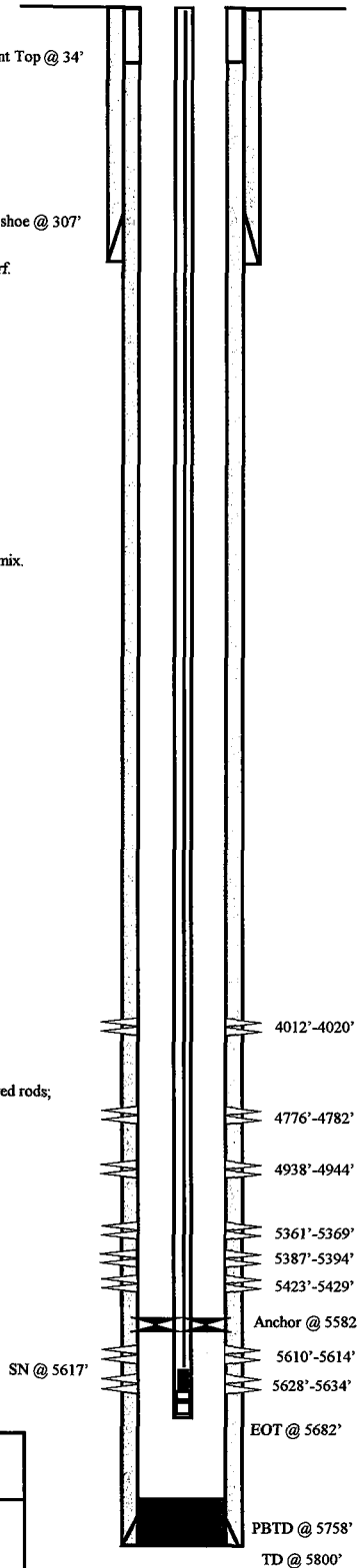
19,329# 20/40 sand in 268 bbls lightning Frac 17 fluid. Treated @ avg press of 1347psi w/avg rate of 14.3 BPM. ISIP 1700 psi. Calc flush: 4010 gal. Actual flush: 3927 gal.

06/28/07

Pump Change. Update rod and tubing details.

**PERFORATION RECORD**

12/05/05	5628'-5634'	4 JSPF	24 holes
12/05/05	5610'-5614'	4 JSPF	16 holes
12/09/05	5423'-5429'	4 JSPF	24 holes
12/09/05	5387'-5394'	4 JSPF	28 holes
12/09/05	5361'-5369'	4 JSPF	32 holes
12/09/05	4938'-4944'	4 JSPF	24 holes
12/10/05	4776'-4782'	4 JSPF	24 holes
12/10/05	4012'-4020'	4 JSPF	32 holes

**NEWFIELD**

Federal 11-13-9-16

1855' FSL &amp; 2103' FWL

NE/SW Section 13-T9S-R16E

Duchesne County, Utah

API #43-013-32652; Lease #UTU-64805

CB 07/17/07

## Federal 5-13-9-16

Spud Date: 09/22/05  
 Put on Production: 11/08/05  
 GL: 5538' KB: 5550'

## Wellbore Diagram

Initial Production: BOPD,  
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301.7')  
 DEPTH LANDED: 312.6' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5802.05')  
 DEPTH LANDED: 5801.3' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 100'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 166jts (5388.00')  
 TUBING ANCHOR: 5400.0' KB  
 NO. OF JOINTS: 1 jts (31.4')  
 SEATING NIPPLE: 2-7/8" (1.10")  
 SN LANDED AT: 5434.2' KB  
 NO. OF JOINTS: 2 jts (65.1')  
 TOTAL STRING LENGTH: EOT @ 5502' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-4" x 3/4" pony rod, 100-3/4" scraped rods, 100-3/4" plain rods, 10-3/4" scraped rods, 6-1" stabilizer bars, 6-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/4" x 18 x 5' x 14" RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED: 5 SPM:

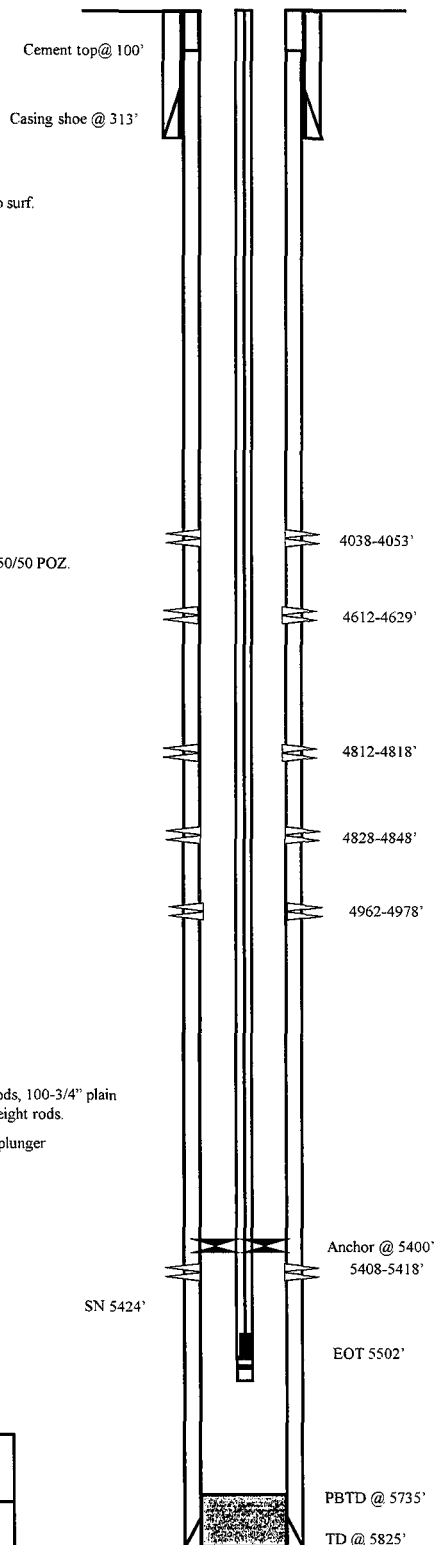
FRAC JOB

11/01/05	5408-5418'	<b>Frac CP1 sands as follows:</b> 34070# 20/40 sand in 392 bbls Lightning 17 frac fluid. Treated @ avg press of 1933 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 5406 gal. Actual flush: 5124 gal.
11/01/05	4962-4978'	<b>Frac A1 sands as follows:</b> 89150# 20/40 sand in 655 bbls Lightning 17 frac fluid. Treated @ avg press of 1591 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4960 gal. Actual flush: 4746 gal.
11/04/05	4812-4848'	<b>Frac B1, B2 sands as follows:</b> 158872# 20/40 sand in 1078 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 4810 gal. Actual flush: 4582 gal.
11/02/05	4612-4629'	<b>Frac D2 sands as follows:</b> 29350# 20/40 sand in 344 bbls Lightning 17 frac fluid. Treated @ avg press of 1762 psi w/avg rate of 24.8 BPM. ISIP 2000 psi. Calc flush: 4610 gal. Actual flush: 4326 gal.
11/02/05	4038-4053'	<b>Frac GB6 sands as follows:</b> 83194# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 1388 psi w/avg rate of 24.7 BPM. ISIP 1900 psi. Calc flush: 4036 gal. Actual flush: 3944 gal.

9/16/09 Pump Change. Updated rod & tubing details.  
 2/23/12 Tubing Leak: Updated rod & tubing detail

PERFORATION RECORD

11/01/05	5408-5418'	4 JSPF	40 holes
11/01/05	4962-4978'	4 JSPF	64 holes
11/01/05	4828-4848'	4 JSPF	80 holes
11/01/05	4812-4818'	4 JSPF	24 holes
11/02/05	4612-4629'	4 JSPF	68 holes
11/02/05	4038-4053'	4 JSPF	60 holes



NEWFIELD

Federal 5-13-9-16

1981' FNL &amp; 820' FWL

SW/NW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32658; Lease #UTU-64805

Sundry Number: 30645 API Well Number: 43013326570000

## Federal 6-13-9-16

Wellbore Diagram

P &amp; A

Spud Date: 9/26/2005

Put on Production:

GL: 5514' KB: 5526'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (303.52')

DEPTH LANDED: 313.52'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sbs Class "G" cement, circ: 5.5 bbls to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 132 jts (5815.38')

DEPTH LANDED: 5813.38'

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sbs Prem. Lite II &amp; 450 sbs 50/50 POZ. 9 bbls to surf

CEMENT TOP AT: No CBL run

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

NO OF JOINTS: jts (\*)

TUBING ANCHOR

NO OF JOINTS: 1 jts (\*)

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT

NO OF JOINTS: jts (\*)

TOTAL STRING LENGTH: EOT @

SUCKER RODS

POLISHED ROD

SUCKER RODS

PUMP SIZE

STROKE LENGTH

PUMP SPEED, SPM

FRAC JOB

03-2006

09/19/12

Operations Suspended

P&A - CIBP @ 3510' TOC @ 3355', CIBP @ 1400' TOC @ 1168, 15.5 sacks Class G cement down both casings to surface. Stoney Anderson w/ BLM witnessed the P&A. Weld plate, back fill hole, dig up deadman & cut off 3' below ground level. South Slope Reclamation to do dirt work.

Cement Plug 0'-314'  
15.5 sbs Class G Cement

Plug # 2 - Green River TOC 1168'  
50 sbs Class G Cement plug on top of CIBP  
CIBP @ 1400'

Plug # 1 - Garden Gulch TOC @ 3355'  
18 sbs Class G Cement plug on top of CIBP  
CIBP @ 3510'

PERFORATION RECORD

## NEWFIELD



Federal 6-13-9-16  
1794' FNL & 1960' FWL (SE/NW)  
Section 13, T9S, R16E

Duchesne Co, Utah  
API # 43-013-32657; Lease # UTU-64805

TD @ 5825'

LCN 1804/12

## Federal 7-13-9-16

Spud Date: 09-26-05  
Put on Production: 12-01-05

GL: 5549' KB: 5561'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (301.02')  
DEPTH LANDED: 311.92' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5.5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 134 jts (5829.6')  
DEPTH LANDED: 5875.35' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 390'

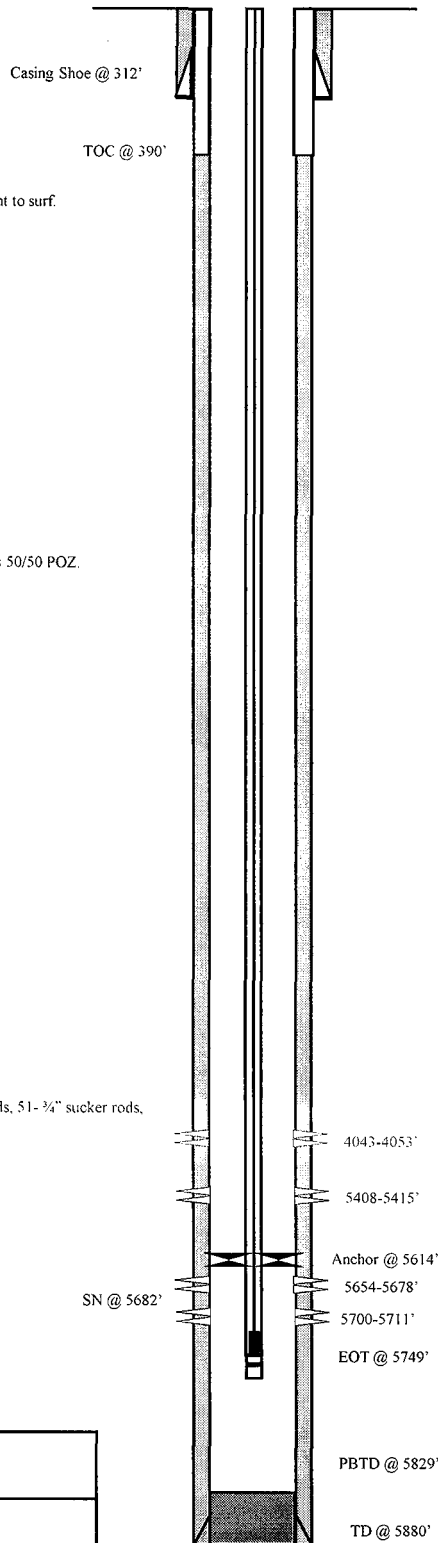
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 173 jts (5614.3')  
TUBING ANCHOR: 5614' KB  
NO. OF JOINTS: 2 jts (65.2')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5682' KB  
NO. OF JOINTS: 2 jts (65.2')  
TOTAL STRING LENGTH: EOT @ 5749' w/ 12' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-2' X 3/4" pony rods, 98-3/4" guided rods, 51-3/4" sucker rods, 69-3/4" guided rods, 6-1 1/2" sinker bars.  
PUMP SIZE: 2-1/2" x 1-1/4" x 16" RHAC  
STROKE LENGTH: ?"  
PUMP SPEED, SPM: ? SPM

### Wellbore Diagram




Initial Production: BOPD,  
MCFD, BWPD

### FRAC JOB

11-22-05	5654-5711'	<b>Frac CP4, &amp; CP5 sands as follows:</b> J24436# 20/40 sand in 875 bbls Lightning 17 frac fluid. Treated @ avg press of 1400 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 5652 gal. Actual flush: 5313 gal.
11-23-05	5408-5415'	<b>Frac CP1, sands as follows:</b> 19462# 20/40 sand in 294 bbls Lightning 17 frac fluid. Treated @ avg press of 1730 psi w/avg rate of 24.7 BPM. ISIP 1950 psi. Calc flush: 5406 gal. Actual flush: 3990 gal.
11-23-05	4043-4053'	<b>Frac GB6 sands as follows:</b> 47516# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 1613 psi w/avg rate of 14.5 BPM. ISIP 1900 psi. Calc flush: 4041 gal. Actual flush: 3948 gal.
8/15/08		Parted Rods. Rod & tubing updated.
09-16-11		Parted Rods. Rods & tubing updated.

### PERFORATION RECORD

11-17-05	5700-5711'	4 JSPF	44 holes
11-17-05	5654-5678'	4 JSPF	96 holes
11-22-05	5408-5415'	4 JSPF	28 holes
11-23-05	4043-4053'	4 JSPF	40 holes


<b>Federal 7-13-9-16</b> 1807' FNL & 2034' FEL SW/NE Section 13-T9S-R16E Duchesne Co, Utah API #43-013-32656; Lease #UTU-64805

Spud Date: 8/31/05  
Plugged Date: 9/22/05

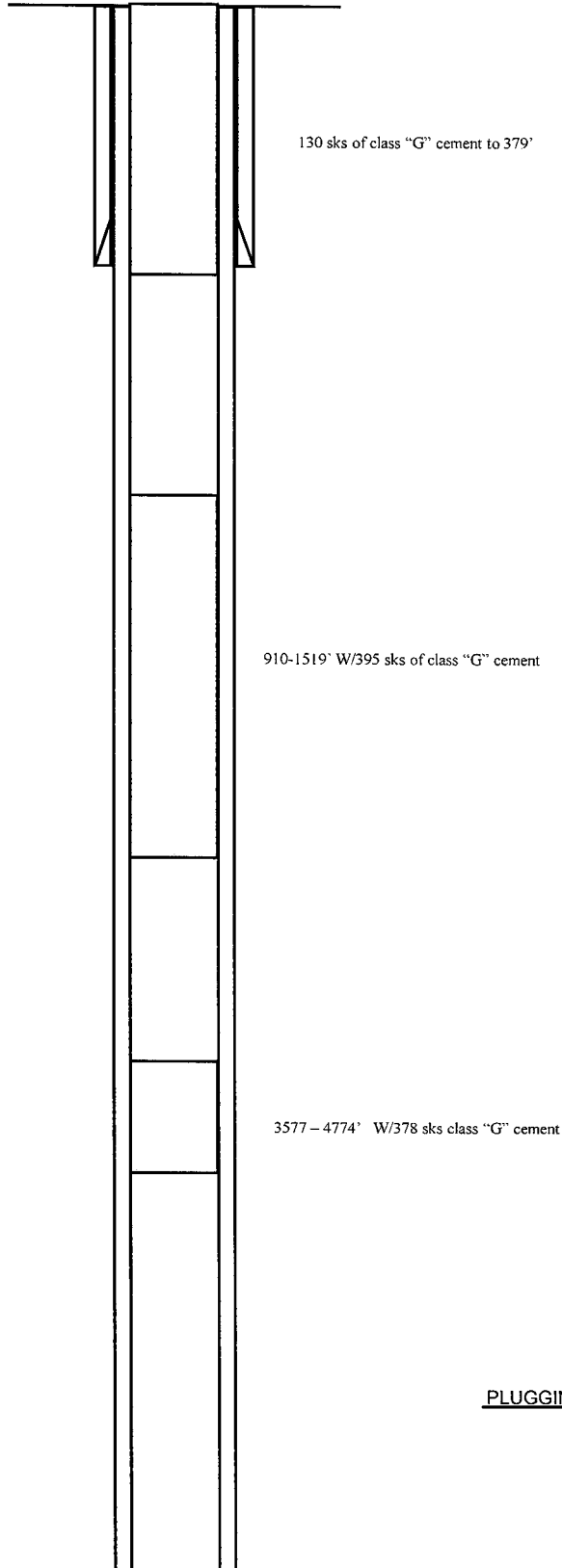
Federal 9-13-9-16

Attachment E-4

P & A Diagram

SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (298.45')  
DEPTH LANDED: 310.30' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 160 sks Class G Mix. Est 1.5 bbls cement to pit



PLUGGING PROCEDURE



**Federal 9-13-9-16**  
1976' FSL & 660' FEL (NE/SE)  
Sec.13, T9S, R16E  
Duchesne Co, Utah  
API #43-013-32654; Lease #UTU-64805

## Federal 10-13-9-16

Spud Date: 10/26/05

Put on Production: 12/12/05

GL: 5519' KB:5529'

Initial Production: BOPD 52,  
MCFD 25, BWPD 25

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (302.45')

DEPTH LANDED: 312.45' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class "G" mixed cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 131 jts. (5786.4')

DEPTH LANDED: 5784.4' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 356 sx Prem. Lite II mixed &amp; 476 sx 50/50 POZ mix.

CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 166 jts (5338.64')

TUBING ANCHOR: 5348.64' KB

NO. OF JOINTS: 1 jt (32.60')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5384.04' KB

NO. OF JOINTS: 2 jts (65.17')

TOTAL STRING LENGTH: EOT @ 5450.76' w/ 10' KB'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'

SUCKER RODS: 1-2' x 3/4" pony rods, 100-3/4" scraped rods, 99-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods, .

PUMP SIZE: 2-1/2" x 1-1/2" x 15" RHAC pump w/ SM Plunger

STROKE LENGTH: 86"

PUMP SPEED, SPM: 5 SPM

LOGS: DIG/GR/SP/CAL

FRAC JOB

12/06/05 5819'-5826'

**Frac CP1 sands as follows:**29,922# 20/40 sand in 367 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2034 psi  
w/avg rate of 25 BPM. ISIP 2140 psi. Calc  
flush: 5817 gal. Actual flush: 5082 gal.

12/06/05 4988'-4997'

**Frac LODC sands as follows:**30,233# 20/40 sand in 371 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2069 psi  
w/avg rate of 25 BPM. ISIP 2320 psi. Calc  
flush: 4986 gal. Actual flush: 4725 gal.

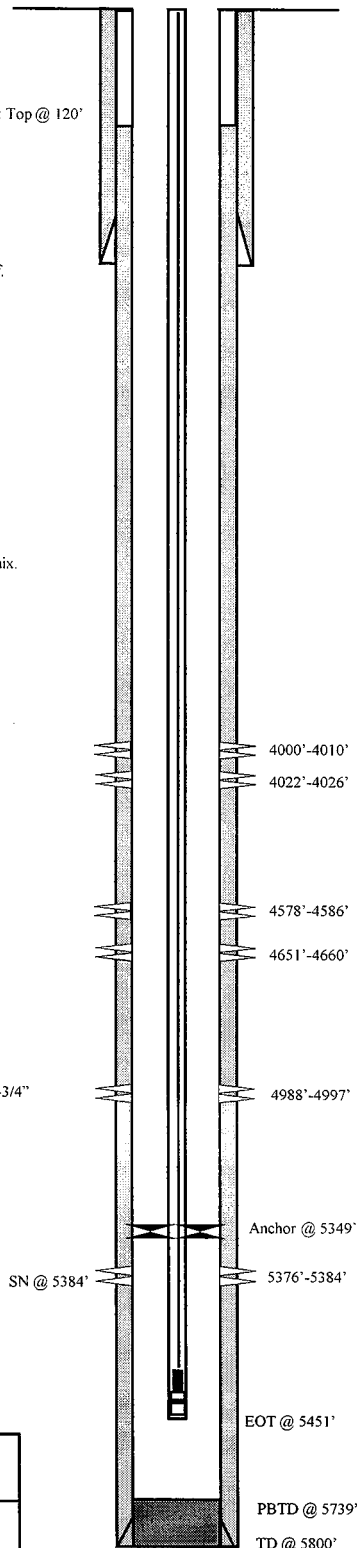
12/06/05 4578'-4660'

**Frac D2 & C sands as follows:**75,870# 20/40 sand in 574 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2092 psi  
w/avg rate of 25 BPM. ISIP 2080 psi. Calc  
flush: 4576 gal. Actual flush: 4326 gal.

12/06/05 4000'-4026'

**Frac GB6 sands as follows:**51,023# 20/40 sand in 430 bbls lightning  
Frac 17 fluid. Treated @ avg press of 1681 psi  
w/avg rate of 25.1 BPM. ISIP 1720 psi. Calc  
flush: 3998 gal. Actual flush: 3906 gal.PERFORATION RECORD

11/30/05	5376'-5384'	4 JSPF	32 holes
12/06/05	4988'-4997'	4 JSPF	36 holes
12/06/05	4651'-4660'	4 JSPF	36 holes
12/06/05	4578'-4586'	4 JSPF	32 holes
12/06/05	4022'-4026'	4 JSPF	16 holes
12/06/05	4000'-4010'	4 JSPF	40 holes



Federal 10-13-9-16

1971' FSL &amp; 1917' FEL

NW/SE Section 13-T9S-R16E

Duchesne County, Utah

API #43-013-32653; Lease #UTU-64805

MC 2/2/06



## Federal 12-13-9-16

Spud Date: 9-29-05  
Put on Production: 11-23-05  
GL: 5490' KB: 5502'

Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (304.74')  
DEPTH LANDED: 315.64' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 133 jts. (5714.51')  
DEPTH LANDED: 5668.64' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
CEMENT TOP AT: 250'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 166 jts (5344.2')  
TUBING ANCHOR: 5356.2' KB  
NO. OF JOINTS: 2 jts (64.50')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5423.5' KB  
NO. OF JOINTS: 2 jts (62.44')  
TOTAL STRING LENGTH: EOT @ 5487' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 100- 3/4" guided rods, 94- 3/4" guided rods, 16- 3/4" guided rods, 6- 1 1/2" weight rods  
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM

FRAC JOB

11-16-05 5376-5429' **Frac CP1, CP2 sands as follows:**  
50812# 20/40 sand in 434 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 25.1 BPM. ISIP 2250 psi. Calc flush: 5374 gal. Actual flush: 5078 gal.

11-16-05 4944-4958' **Frac A1 sands as follows:**  
80407# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 2025 psi w/avg rate of 25 BPM. ISIP 2270 psi. Calc flush: 4942 gal. Actual flush: 4700 gal.

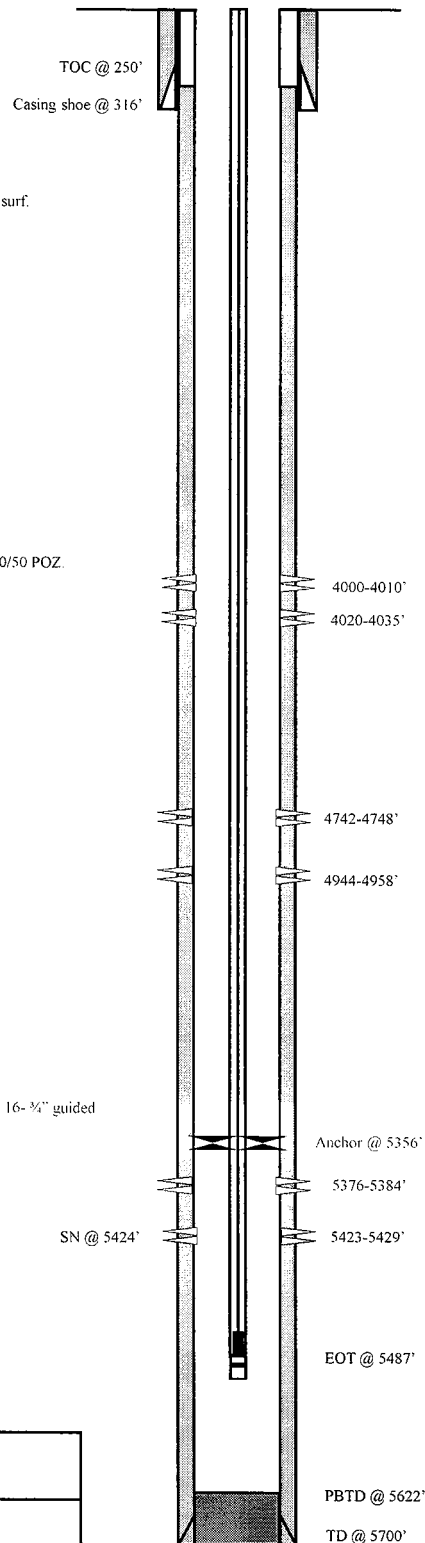
11-17-05 4742-4748' **Frac B.5 sands as follows:**  
25030# 20/40 sand in 323 bbls Lightning 17 frac fluid. Treated @ avg press of 2055 psi w/avg rate of 25.1 BPM. ISIP 1980 psi. Calc flush: 4740 gal. Actual flush: 4746 gal.

11-17-05 4000-4035' **Frac GB4, & GB6 sands as follows:**  
112538# 20/40 sand in 755 bbls Lightning 17 frac fluid. Treated @ avg press of 1673 w/ avg rate of 25.2 BPM. ISIP 1850 psi. Calc flush: 3998 gal. Actual flush: 3906 gal.

9/17/09  
12/16/10 Pump Change. Updated rod & tubing details.  
Tubing Leak. Rod & tubing updated.

PERFORATION RECORD

11-04-05	5423-5429'	4 JSPF	24 holes
11-04-05	5376-5384'	4 JSPF	32 holes
11-16-05	4944-4958'	4 JSPF	56 holes
11-16-05	4742-4748'	4 JSPF	24 holes
11-17-05	4020-4035'	4 JSPF	60 holes
11-17-05	4000-4010'	4 JSPF	40 holes



Federal 12-13-9-16

2018' FSL &amp; 651' FWL

NW/SW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32651; Lease #UTU-64805

TW 01/25/11

## FEDERAL 13-13-9-16

Spud Date: 04/13/07  
Put on Production: 05/23/07  
GL: 5592' KB: 5604'

## Wellbore Diagram

Initial Production: 53 BOPD,  
3 MCFD, 88 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (309.33')  
DEPTH LANDED: 319.33' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 131 jts. (5793.19')  
DEPTH LANDED: 5789.19' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 177 jts (5485.73')  
TUBING ANCHOR: 5485.7' KB  
NO. OF JOINTS: 2 jts (63.1')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5551.7' KB  
NO. OF JOINTS: 2 jts (63.1')  
TOTAL STRING LENGTH: EOT @ 5616' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods  
SUCKER RODS: 1-4' x 3/4" pony rods, 1-6' x 3/4" pony rods, 1-8' x 3/4" pony rods, 99-1/2" guided rods, 106-1/4" sucker rods, 10-3/4" guided rods, 6-1 1/2" weight bars  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16 x 20 RHAC  
STROKE LENGTH: 120"  
PUMP SPEED, SPM: 5

FRAC JOB

05/15/07 5528-5533' **Frac CP3 sands as follows:**  
14792# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 2351 psi w/avg rate of 24.8 BPM. ISIP 2074 psi. Calc flush: 5526 gal. Actual flush: 5019 gal.

05/15/07 5366-5374' **Frac CP1 sands as follows:**  
40830# 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 1857 psi w/avg rate of 22.6 BPM. ISIP 1997 psi. Calc flush: 5364 gal. Actual flush: 4868 gal.

05/18/07 4909-4959' **Frac A1&3 sands as follows:**  
67943# 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ avg press of 1919 psi w/avg rate of 24.7 BPM. ISIP 1970 psi. Calc flush: 4907 gal. Actual flush: 4406 gal.

05/18/07 4628-4642' **Frac C sands as follows:**  
29975# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1884 psi w/avg rate of 24.7 BPM. ISIP 1910 psi. Calc flush: 4626 gal. Actual flush: 4124 gal.

05/18/07 4494-4499' **Frac D1 sands as follows:**  
14891# 20/40 sand in 237 bbls Lightning 17 frac fluid. Treated @ avg press of 1954 psi w/avg rate of 24.7 BPM. ISIP 1980 psi. Calc flush: 4492 gal. Actual flush: 3990 gal.

05/18/07 3983-4035' **Frac GB4&6 sands as follows:**  
56438# 20/40 sand in 443 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of ? BPM. ISIP 1685 psi. Calc flush: 3981 gal. Actual flush: 3910 gal.

7/17/08 pump change, updated rod and tubing detail.

1/20/2010 Pump change. Updated rod and tubing detail.

PERFORATION RECORD

05/02/07 5528-5533' 4 JSPF 20 holes  
05/15/07 5366-5374' 4 JSPF 32 holes  
05/15/07 4949-4959' 4 JSPF 40 holes  
05/15/07 4909-4914' 4 JSPF 20 holes  
05/18/07 4628-4642' 4 JSPF 56 holes  
05/18/07 4494-4499' 4 JSPF 20 holes  
05/18/07 4027-4035' 4 JSPF 32 holes  
05/18/07 3983-3990' 4 JSPF 28 holes

Cement Top @ Surface

SN 5551.7'

Anchor @ 5485.7'

5528-5533'

EOT @ 5616'

PBTD @ 5756'

SHOE @ 5789'

TD @ 5800'

**FEDERAL 13-13-9-16**

555' FSL & 344' FWL

SW/SW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32650; Lease # UTU-64805

Attachment E-8

# Federal 14-13-9-16

Spud Date: 8-16-05  
Put on Production: 10-21-05  
GL: 5581' KB: 5592'

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (301.26')  
DEPTH LANDED: 313.11' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 127 jts. (5656.84')  
DEPTH LANDED: 5667.49' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 600'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 167 jts (5391')  
TUBING ANCHOR: 5403' KB  
NO. OF JOINTS: 1 jts (32.6')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5438.4' KB  
NO. OF JOINTS: 1 jts (31.5')  
GAS ANCHOR: 5471'  
NO OF JOINTS: 3 jts (95.2')  
TOTAL STRING LENGTH: EOT @ 5572' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM  
SUCKER RODS: 1 - 2', 1-4', 1 - 12' x 3/4" pony sub, 113-3/4" guided rods, 80-3/4" sucker rods, 10-3/4" guided rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-3/4" x 20' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, 5 SPM

### FRAC JOB

10-06-05 4921-4932' **Frac A1 sands as follows:**  
38723# 20/40 sand in 208 bbls Lightning 17 frac fluid. Treated @ avg press of 3220 psi w/avg rate of 14.2 BPM. ISIP 2060 psi. Actual flush: 1176 gal.

10-19-05 4582-4595' **Frac D2 sands as follows:**  
75389# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 1833 psi w/avg rate of 24.9 BPM. ISIP 2000 psi. Actual flush: 4376 gal.

10-19-05 4154-4162' **Frac PB8 sands as follows:**  
29831# 20/40 sand in 340 bbls Lightning 17 frac fluid. Treated @ avg press of 2398 psi w/avg rate of 14.3 BPM. ISIP 2925 psi. Actual flush: 3898 gal.

10-19-05 3937-4005' **Frac GB4 sands as follows:**  
60097# 20/40 sand in 447 bbls Lightning 17 frac fluid. Treated @ avg press of 1420 psi w/avg rate of 14.4 BPM. ISIP 1590 psi. Actual flush: 3864 gal.

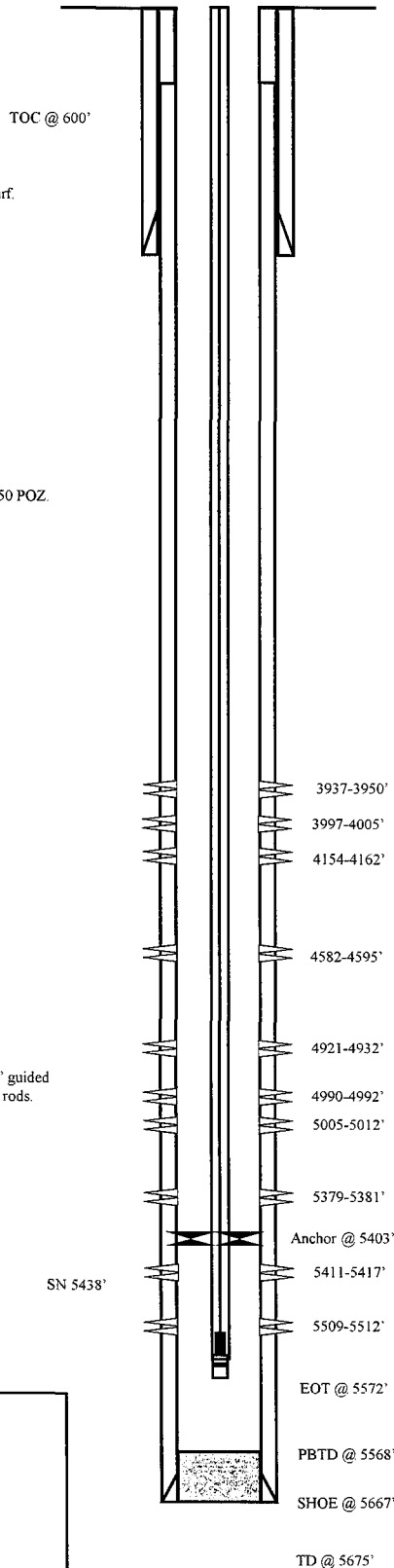
11-09-10 5379-5512' **Frac CP1, CP2, & CP3 sands as follows:**  
13388# 20/40 sand in 123 bbls Lightning 17 fluid.

11-09-10 4990-5012' **Frac A3 sands as follows:** 22961# 20/40 sand in 207 bbls Lightning 17 fluid.

11-11-10  
11/12/2010 **Re-Completion - updated detail**

### PERFORATION RECORD

10-04-05	4921-4932'	4 JSPF	44 holes
10-19-05	4582-4895'	4 JSPF	52 holes
10-19-05	4154-4162'	4 JSPF	32 holes
10-19-05	3937-3950'	4 JSPF	52 holes
10-19-05	3997-4005'	4 JSPF	32 holes
11-09-10	5509-5512'	3 JSPF	9 holes
11-09-10	5411-5417'	3 JSPF	18 holes
11-09-10	5379-5381'	3 JSPF	6 holes
11-09-10	5005-5012'	3 JSPF	21 holes
11-09-10	4990-4992'	3 JSPF	6 holes



**NEWFIELD**

**Federal 14-13-9-16**

819' FSL & 1940' FWL

SE/SW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32649; Lease #UTU-64805

Spud Date: 10-18-05  
 Put on Production: 12-05-05  
 GL: 5553' KB: 5565'

## Federal 15-13-9-16

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (308.61')  
 DEPTH LANDED: 320.46' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 131 jts (5777.86')  
 DEPTH LANDED: 5791.11' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
 CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 120 jts (3754.9')  
 SEATING NIPPLE: 2-7/8" (1.10")  
 SN LANDED AT: 3764.9' KB  
 ON/OFF TOOL AT: 3766'  
 ARROW #1 PACKER CE AT: 3771.25'  
 XO 2-3/8 x 2-7/8 J-55 AT: 3775'  
 TBG PUP 2-3/8 J-55 AT: 3775.5'  
 X/N NIPPLE AT: 3779.7'  
 TOTAL STRING LENGTH: EOT @ 3781'

FRAC JOB

11-30-05 5364-5410' **Frac CP2, & CP1 sands as follows:**  
 44747# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 2020 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5362 gal. Actual flush: 5376 gal.

12-01-05 4653-4659' **Frac C sands as follows:**  
 19588# 20/40 sand in 267 bbls Lightning 17 frac fluid. Treated @ avg press of 2290 psi w/avg rate of 24.7 BPM. ISIP 2850 psi. Calc flush: 4651 gal. Actual flush: 4702 gal.

12-01-05 4486-4490' **Frac D1 sands as follows:**  
 19605# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 4946 gal. Actual flush: 4494 gal.

12-01-05 4142-4156' **Frac PB8 sands as follows:**  
 58778# 20/40 sand in 546 bbls Lightning 17 frac fluid. Treated @ avg press of 2383 w/ avg rate of 14.2 BPM. ISIP 3200 psi. Calc flush: 3140 gal. Actual flush: 4200 gal.

12-01-05 3924-3938' **Frac GB4 sands as follows:**  
 30034# 20/40 sand in 312 bbls Lightning 17 frac fluid. Treated @ avg press of 1314 w/ avg rate of 14.2 BPM. ISIP 1500 psi. Calc flush: 3922 gal. Actual flush: 3864 gal.

06-16-06 **Pump change:** Update rod and tubing details.  
 12-15-06 **Pump Change:** Updated rod and tubing detail

11/18/08 **Pump Change:** Updated rod & tubing details.  
 2/21/2010 **Tubing Leak.** Updated rod and tubing detail

12/13/10 3826-3836' **Frac GB2 sands as follows:** 28786# 20/40 sand in 173 bbls Lightning 17 fluid.  
 12/14/10 **Re-Completion finalized** - updated tbg and rod detail.

SN @ 3765' 10/17/12  
 On Off Tool @ 3766' 10/18/12  
 Packer 3771'  
 X/N Nipple @ 3780'  
 EOT @ 3781'

3826-3828'  
 3924-3938'  
 4142-4156'  
 4486-4490'  
 4653-4659'  
 5364-5372'  
 5404-5410'

PBTD @ 5745'  
 SHOE @ 5791'  
 TD @ 5805'

PERFORATION RECORD

11-18-05	5404-5410'	4 JSPF	24 holes
11-18-05	5364-5372'	4 JSPF	32 holes
11-30-05	4653-4659'	4 JSPF	24 holes
12-01-05	4486-4490'	4 JSPF	16 holes
12-01-05	4142-4156'	4 JSPF	56 holes
12-01-05	3924-3938'	4 JSPF	56 holes
12-13-10	3826-3828'	3 JSPF	30 holes

NEWFIELD



Federal 15-13-9-16

695' FSL &amp; 1972' FEL

SW/SE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32648; Lease #UTU-64805

## Federal #21-13Y-9-16

Spud Date: 8/13/1993  
 Put on Production: 9/16/1993  
 GL: 5535' KB: 5545'

## Wellbore Diagram

Initial Production: 84 BOPD,  
 126 MCFD, 7 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (275')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Premium Plus cement, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5945.72')  
 DEPTH LANDED: 5940.72'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 145 sxs Hilift cement & 325 sxs Class "G".  
 CEMENT TOP AT: 1040' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 163 jts (5043.8')  
 TUBING ANCHOR: 5057'  
 NO. OF JOINTS: 2 jt (62.9')  
 SEATING NIPPLE: 5119.4'  
 NO. OF JOINTS: 2 jt (61.5')  
 TOTAL STRING LENGTH: EOT @ 5182' KB

SUCKER RODS

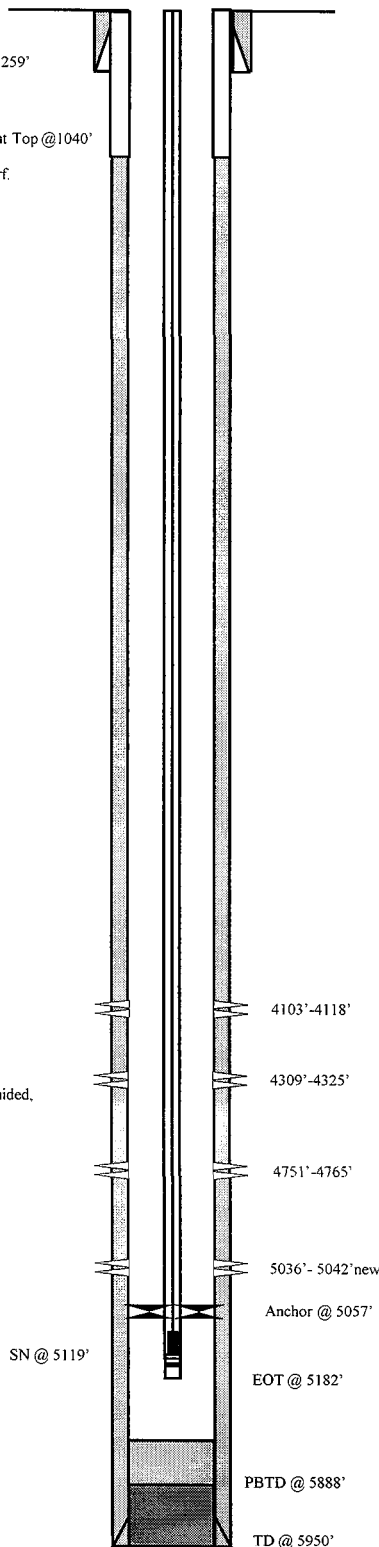
POLISHED ROD: 1-1/4" x 26' SM  
 SUCKER RODS: 6-1 1/2" sinker bars; 98-3/4" guided rods; 100-3/4" guided,  
 1-2" x 7/8" pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 20' RHAC  
 STROKE LENGTH: 64"  
 PUMP SPEED, SPM: 4 SPM  
 LOGS: DIGL/SP/GR/CAL

FRAC JOB

8/28/93	4751'-4765'	<b>Frac as follows:</b> 20,140# 20/40 sand & 15,380# 16/30 sand in 371 bbls gelled KCL frac fluid. Treated @ avg press of 1900 psi w/avg rate of 20 BPM. ISIP 1850 psi.
9/1/93	4309'-4325'	<b>Frac as follows:</b> 33,600# 16/30 sand in 377 bbls gelled KCL frac fluid. Treated @ avg press of 2050 psi w/avg. rate of 24.5 BPM. ISIP 1800 psi.
2/14/01		Tubing job. Update Rod and tubing details.
11/17/05	4103-4118	<b>Frac GB6 sds as follows:</b> 55,211# 20/40 sand in 439 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1870 w/ ave rate of 25.2 bpm w/ 8 ppg of sand. ISIP was 2150. Actual flush: 4032 gals
08/29/08		Recompletion. Rod & Tubing detail updated.
9/3/08	5036-5042	<b>Frac A1 sds as follows:</b> 16,591# 20/40 sand in 238 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3442 psi @ ave rate of 13.1BPM. ISIP 1962 psi. Actual flush: 1218 gals.
07/25/10		Tubing Leak. Rod & Tubing detail updated.

PERFORATION RECORD

8/26/93	4751'-4765'	2 JSPF	28 holes
8/31/93	4309'-4325'	2 JSPF	32 holes
11/17/05	4103-4118'	40 JSPF	60 holes
9/3/08	5036-5042'	4 JSPF	24 holes new



**Federal #21-13Y-9-16**  
 702' FNL & 1830' FWL  
 NENW Section 13-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31400; Lease #UTU-64805

## Jonah Federal 9-14-9-16

Spud Date: 05/13/05  
Put on Production: 06/15/05  
GL: 5571' KB: 5583'

Initial Production: 46 BOPD,  
111 MCFPD, 45 BWPD

Injection Wellbore  
DiagramSURFACE CASING

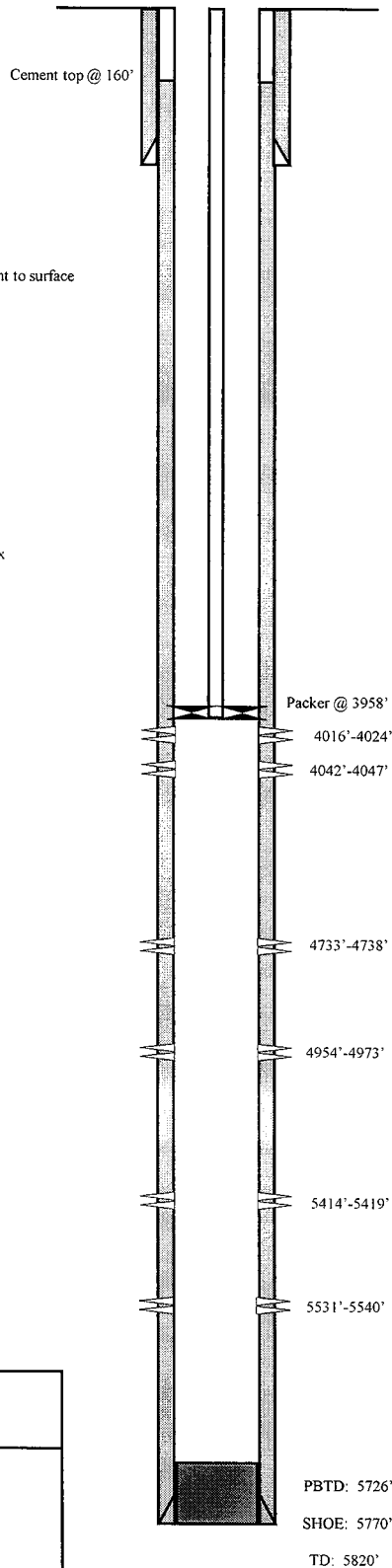
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (304.57')  
DEPTH LANDED: 314.57'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sks Class "G" cement, est. 6 bbls cement to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 136 jts. (5772.05')  
DEPTH LANDED: 5770.05' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sks Prem Lite II, 400 sks 50-50 Poz mix  
CEMENT TOP @ 160'

TUBING

SIZE/GRADE/WT.: 2 7/8" / 6.5# / J-55  
NO. OF JOINTS: 121 jts. (3937.79')  
NO. OF JOINTS: 1 jt. (32.55')  
SN LANDED AT: 1.10' (3954')  
NO. OF JOINTS: 2 jts. (65.66')  
TOTAL STRING LENGTH EOT: 3958'

FRAC JOB

06/07/05	5414'-5540'	<b>Frac CP4 and CP2 sand as follows:</b> 40,739#'s of 20/40 sand in 416 bbls lightning 17 frac fluid. Treated w/avg press of 1595 psi, w/avg rate of 24.9 bpm. ISIP 1780 psi. Calc flush: 5412 gal. Actual flush: 5166 gal.
06/07/05	4954'-4973'	<b>Frac A3 sand as follows:</b> 70,185#'s of 20/40 sand in 538 bbls lightning 17 frac fluid. Treated w/avg press of 1763 psi. ISIP 2170 psi. Calc flush: 4952 gal. Actual flush: 4704 gal.
06/08/05	4733'-4738'	<b>Frac B1 sand as follows:</b> 20,210#'s of 20/40 sand in 253 bbls lightning 17 frac fluid. Treated w/avg press of 2085 psi, w/ avg rate of 24.8 bpm. ISIP 2050 psi. Calc flush: 4731 gal. Actual flush: 4494 gal.
06/08/05	4016'-4047'	<b>Frac GB6 sand as follows:</b> 38,754#'s of 20/40 sand in 347 bbls lightning 17 frac fluid. Treated w/avg press of 1704 psi w/avg rate of 24.7 bpm. ISIP 1840 psi. Calc flush: 4014 gal. Actual flush: 3948 gal.
10-23-06		Well Converted to Injection Well.
11-10-06		MIT to complete Conversion.

PERFORATION RECORD

06/01/05	5531'-5540'	4 JSPF	36 holes
06/01/05	5414'-5419'	4 JSPF	20 holes
06/07/05	4954'-4973'	4 JSPF	76 holes
06/07/05	4733'-4738'	4 JSPF	20 holes
06/08/05	4042'-4047'	4 JSPF	20 holes
06/08/05	4016'-4024'	4 JSPF	32 holes

**Jonah Federal 9-14-9-16**

1785' FSL & 508' FEL  
NE/SE Section 14-T9S-R16E  
Duchesne Co, Utah  
API 43-013-32661; Lease UTU-096550



## FEDERAL 2-24-9-16

Spud Date: 10/11/07  
Put on Production: 10/16/07  
GL: 5559' KB: 5571'

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.63')  
DEPTH LANDED: 322.48' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 148 jts. (5720.99')  
DEPTH LANDED: 5734.24' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 173 jts (5543.7')  
TUBING ANCHOR: 5555.65' KB  
NO. OF JOINTS: 1 jts (30.9')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5577.4' KB  
NO. OF JOINTS: 1 jts (31.6')  
2 7/8" NC (.45')  
TOTAL STRING LENGTH: EOT @ 5611' KB

SUCKER RODS

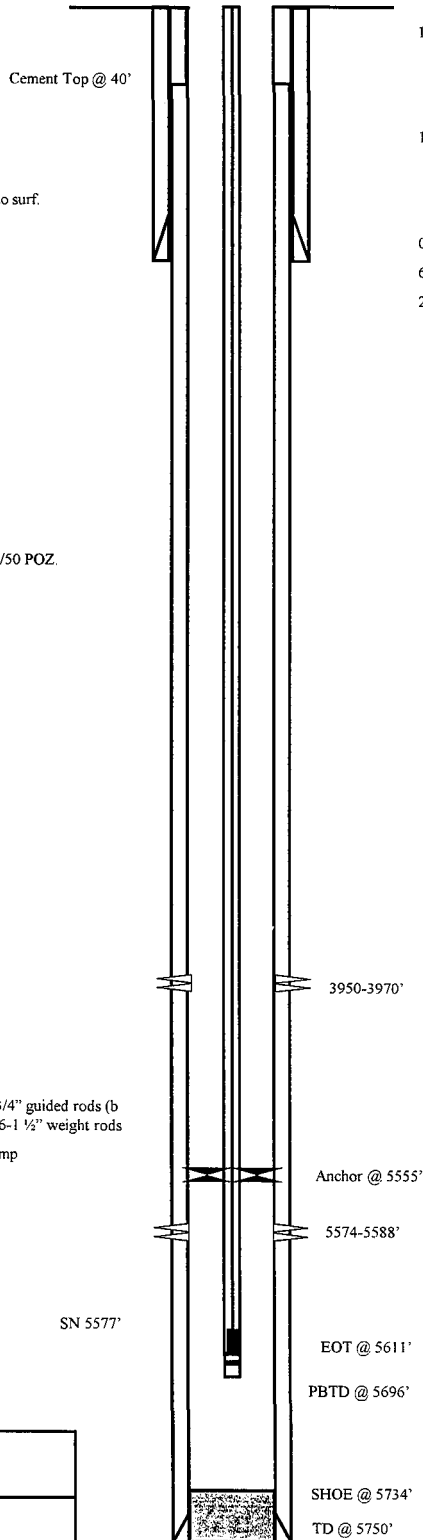
POLISHED ROD: 1-1/2" x 26' SM polished rods  
SUCKER RODS: 1-8", 2-12', 1-2', 2-6' x 3/4" pony rods, 100-3/4" guided rods (b grd), 76-3/4" plain rods (b grd), 20-3/4" guided rods (a grd), 6-1 1/2" weight rods  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16" RHAC rod pump  
STROKE LENGTH: 76"  
PUMP SPEED, 4.5 SPM:

FRAC JOB

11/09/07	5574-5588'	<b>Frac CPS sands as follows:</b> 75968# 20/40 sand in 619 bbls Lightning 17 frac fluid. Treated @ avg press of 1986 psi w/avg rate of 23.2 BPM. ISIP 2173 psi. Calc flush: 5572 gal. Actual flush: 4998 gal.
11/09/07	3950-3970'	<b>Frac GB6 sands as follows:</b> 151571# 20/40 sand in 1011 bbl Lightning 17 frac fluid. Treated @ avg press of 1593 psi w/avg rate of 23.1 BPM. ISIP 1775 psi. Calc flush: 3948 gal. Actual flush: 3864 gal.
05/29/08		Pump change. Updated rod and tubing detail
6/11/08		pump change. Updated rod and tubing detail
2/4/2011		Pump Change. Update rod and tubing details.

PERFORATION RECORD

11/09/07	5574-5588'	4 JSPF	56 holes
11/09/07	3950-3970'	4 JSPF	80 holes



NEWFIELD

FEDERAL 2-24-9-16

595'FNL &amp; 2010' FEL

NW/NE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33083; Lease # UTU-15855

Spud Date: 10-13-07

Put on Production: 11-21-07

GL: 5605' KB: 5617'

## Federal 3-24-9-16

Initial Production: 56.4 BOPD,

25.0 MCFD, 34.3 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (311')

DEPTH LANDED: 320'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 148 jts. (5741.47') Includes Shoe Jt. (39.25')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5754.72'

CEMENT DATA: 300 sk Prem. Lite II mixed &amp; 400 sxs 50/50 POZ.

CEMENT TOP AT: 105'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 125 jts (3927.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3939.1' KB

ON/OFF TOOL AT: 3940.2'

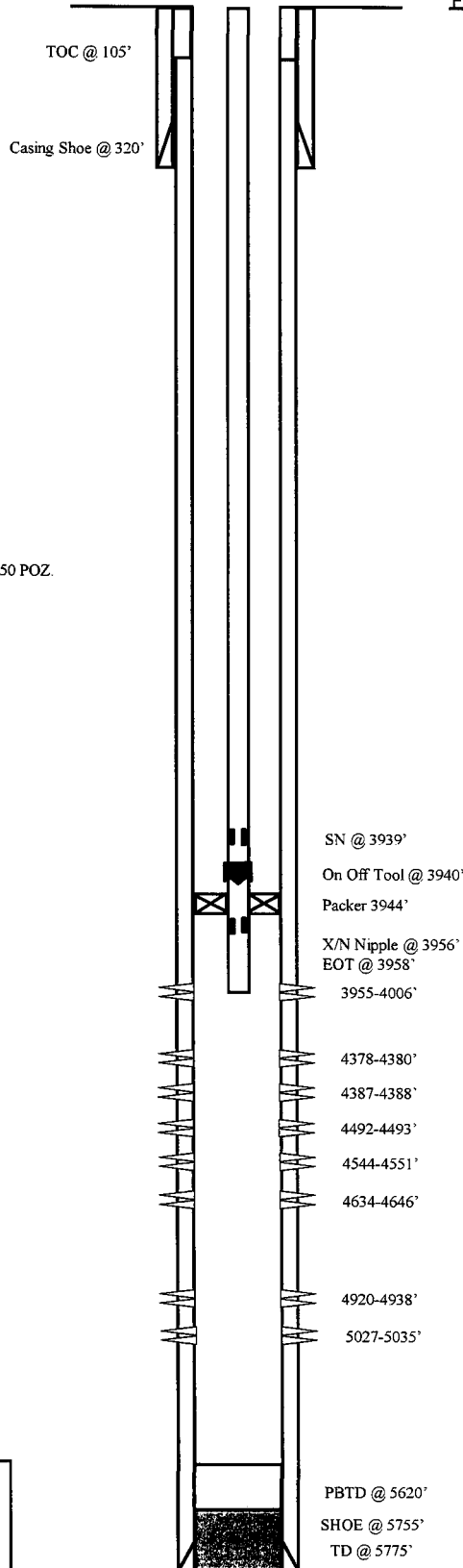
ARROW #1 PACKER CE AT: 3944.09'

XO 2-3/8 x 2-7/8 J-55 AT: 3948.9'

TBG PUP 2-3/8 J-55 AT: 3949.9'

X/N NIPPLE AT: 3956.1'

TOTAL STRING LENGTH: EOT @ 3958'

Injection Wellbore  
DiagramFRAC JOB

11-7-07	5027-5035'	<b>Frac LODC sands as follows:</b> 15,380# 20/40 sand in 274 bbls Lightning 17 fluid. Treat at 3260 psi @ 22.5 BPM. ISIP 2956 psi. Calc flush: 5025 gal. Actual flush: 4519 gal.
11-16-07	4920-4938'	<b>Frac A1 sands as follows:</b> 90,793# 20/40 sand in 690 bbls Lightning 17 fluid. Treat at 2002 psi @ 24.75 BPM. ISIP 2240 psi. Calc flush: 4918 gal. Actual flush: 4414 gal.
11-16-07	4634-4646'	<b>Frac C sands as follows:</b> Frac with 49,940 # 20/40 sand in 449 bbls Lightning 17 fluid. Treat at 1978 psi @ 24.8 BPM. ISIP 1897 psi. Calc flush: 4632 gal. Actual flush: 4129 gal.
11-16-07	4544-5441'	<b>Frac D2 sand as follows:</b> Frac with 14,138# 20/40 sand in 261 bbls Lightning 17 fluid. Treat at 2280psi @ 24.9 BPM. ISIP 1934 psi. Calc flush: 4542 gal. Actual flush: 3952 gal.
11-16-07	3995-4006'	<b>Frac GB-6 sands as follows:</b> Frac with 38,509# 20/40 sand in 377 bbls Lightning 17 fluid. Treat at 1729 psi @ 24.8 BPM. ISIP 1934 psi. Calc flush: 3993 gal. Actual flush: 4032 gal.
7/6/09		<b>Major Workover.</b> Updated rod & tubing detail.
5/4/2010		<b>Tubing leak.</b> Updated rod and tubing detail.
6/9/2011		<b>Tubing leak.</b> Updated rod & tubing detail.
10/08/12	4378-4493'	<b>Frac D1 &amp; DS1 sands as follows:</b> Frac with 29832# 20/40 sand in 362 bbls Lightning 17 fluid.
10/09/12		<b>Convert to Injection Well</b>
10/12/12		<b>Conversion MIT Finalized</b> – update tbg detail

PERFORATION RECORD

3995-4006'	4 JSPF	44 holes
4544-4551'	4 JSPF	28 holes
4634-4646'	4 JSPF	48 holes
4920-4938'	4 JSPF	72 holes
5027-5035'	4 JSPF	32 holes
10/04/12 4492-4493'	3 JSPF	3 holes
10/04/12 4387-4388'	3 JSPF	3 holes
10/04/12 4378-4380'	3 JSPF	6 holes

**NEWFIELD**

Federal 3-24-9-16

722' FNL &amp; 2063' FWL

NENW Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33084; Lease #UTU-15855

## FEDERAL 4-24-9-16

Spud Date: 12/12/07  
Put on Production: 02/26/08  
GL: 5613' KB: 5625'

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (304.16')  
DEPTH LANDED: 316.01' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 134 jts. (5745.08')  
DEPTH LANDED: 5758.33' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP: 84'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 169 jts (5298.24')  
TUBING ANCHOR: 5310.24' KB  
NO. OF JOINTS: 2 jts (62.78')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5375.82' KB  
NO. OF JOINTS: 2 jts (62.76')  
TOTAL STRING LENGTH: EOT @ 5440.13' KB

SUCKER RODS

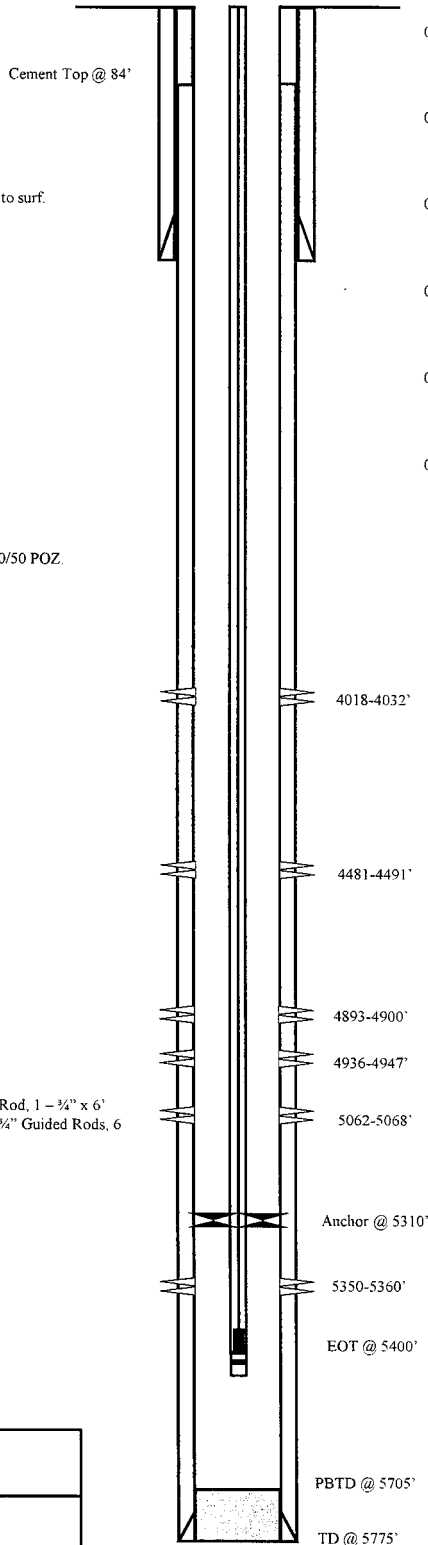
POLISHED ROD: 1-1/2" x 26' SM polished rods  
SUCKER RODS: 1 - 3/4" x 2' Pony Rod, 1 - 3/4" x 4' Pony Rod, 1 - 3/4" x 6' Pony Rod, 99 - 3/4" Guided Rods, 89 - 3/4" Plain Rods, 20 - 3/4" Guided Rods, 6 - 1 1/2" weight bars  
PUMP SIZE: CDI 2 1/2" x 1 1/2" x 12 x 19 1/2' RHAC  
STROKE LENGTH: 102"  
PUMP SPEED: 5 SPM

FRAC JOB

02/21/08	5350-5360'	<b>Frac CP1 sands as follows:</b> 19538# 20/40 sand in 318 bbls Lightning 17 frac fluid. Treated @ avg press of 2319 psi w/avg rate of 23.0 BPM. ISIP 2169 psi.
02/21/08	5062-5068'	<b>Frac LODC sands as follows:</b> 14448# 20/40 sand in 267 bbl Lightning 17 frac fluid. Treated @ avg press of 2913 psi w/avg rate of 23.1 BPM. ISIP 3354 psi.
02/21/08	4936-4947'	<b>Frac A3, sands as follows:</b> 79356# 20/40 sand in 628 bbls Lightning 17 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 23.1 BPM. ISIP 2069 psi.
02/21/08	4893-4900'	<b>Frac A1 sands as follows:</b> 79356# 20/40 sand in 628 bbls Lightning 17 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 23.1 BPM. ISIP 2069 psi.
02/21/08	4481-4491'	<b>Frac D1 sands as follows:</b> 54904# 20/40 sand in 482 bbls Lightning 17 frac fluid. Treated @ avg press of 2070 psi w/avg rate of 23.1 BPM. ISIP 2153 psi.
02/21/08	4018-4032'	<b>Frac GB6 sands as follows:</b> 74458# 20/40 sand in 594 bbls Lightning 17 frac fluid. Treated @ avg press of 2125 psi w/avg rate of 23.1 BPM. ISIP 1788 psi.

PERFORATION RECORD

02/21/08	5350-5360'	4 JSPF	40 holes
02/21/08	5062-5068'	4 JSPF	24 holes
02/21/08	4936-4947'	4 JSPF	44 holes
02/21/08	4893-4900'	4 JSPF	28 holes
02/23/08	4481-4491'	4 JSPF	40 holes
02/23/08	4018-4032'	4 JSPF	56 holes



NEWFIELD

FEDERAL 4-24-9-16

462' FNL &amp; 679' FWL

NW/NW Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33004; Lease # UTU-15855

# Federal 9-13T-9-16

Spud Date: 11/9/05

Put on Production: 12/20/05

GL: 5502' KB: 5512'

Initial Production: -4 BOPD,  
84 MCFD, 7 BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts. (310.06')

DEPTH LANDED: 320.06' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 160 sks Class G Mix. Est 1.5 bbls cement to pit

### PRODUCTION CASING

CSG SIZE: 5 1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 110 jts. (4775.93')

DEPTH LANDED: 4773.93' KB

HOLE SIZE: 7 7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.

CEMENT TOP AT: 554'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#

NO. OF JOINTS: 141 jts (4629.46')

TUBING ANCHOR: 4639.26' KB

NO. OF JOINTS: 1 jts (32.33')

SEATING NIPPLE: 2 7/8" (1.10')

SN LANDED AT: 4674.39' KB

NO. OF JOINTS: 1 jts (33.40')

"Collar sized" Gas Anchor (5.00')

NO. OF JOINTS: 3 jts (100.22')

TOTAL STRING LENGTH: 4709.34' w/ 10' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'

SUCKER RODS: 1-2' x 3/4" pony rods, 70-3/4" guided rods (all new), 110-3/4" Guided rods, 6-1 1/2" weight rods.

PUMP SIZE: 2 1/2" x 1 1/2" x 14' RHAC pump w/SM plunger

STROKE LENGTH: 86"

PUMP SPEED, SPM: 6 SPM

LOGS: Open hole, SP/GR/DIG,CBL

### FRAC JOB

12/16/05 4666'-4674'

#### **Frac C sands as follows:**

68,278#'s of 20/40 sand in 535 bbls lightning 17 frac fluid. Treated @ avg press of 1693, w/avg rate of 24.7 bpm. ISIP 2100 psi. Calc flush: 4664 gal. Actual flush: 4200 gal.

12/16/05 4572'-4580'

#### **Frac D2 sands as follows:**

79,385#'s of 20/40 sand in 586 bbls lightning 17 frac fluid. Treated @ avg press of 1800, w/avg rate of 24.7 bpm. ISIP 2100 psi. Calc flush: 4570 gal. Actual flush: 4074 gal.

12/16/05 4031'-4037'

#### **Frac GB6 sands as follows:**

18,981#'s of 20/40 sand in 253 bbls lightning 17 frac fluid. Treated @ avg press of 1950, w/avg rate of 24.7 bpm. ISIP 1800 psi. Calc flush: 4029 gal. Actual flush: 3586 gal.

12/16/05 3938'-3946'

#### **Frac GB4 sands as follows:**

35,084#'s of 20/40 sand in 358 bbls lightning 17 frac fluid. Treated @ avg press of 1760, w/avg rate of 24.7 bpm. ISIP 2200 psi. Calc flush: 3936 gal. Actual flush: 3864 gal.

07-17-06 Pump Change. Rod & Tubing Detail Updated.

Cement Top @ 554'

SN @ 4674'

3938'-3946'

4031'-4037'

4572'-4580'

Anchor @ 4639'

4666'-4674'

EOT @ 4709'

PBTD @ 4728'

SHOE @ 4774'

TD @ 4779'

### PERFORATION RECORD

12/16/05	3938'-3946'	4 JSPF	32 holes
12/16/05	4031'-4037'	4 JSPF	24 holes
12/16/05	4572'-4580'	4 JSPF	32 holes
12/15/05	4666'-4674'	4 JSPF	32 holes

## NEWFIELD



Federal 9-13T-9-16  
2001' FSL & 660' FEL  
NE/SE Section 13-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32954; Lease #UTU-64805

TW 09-01-2006

## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Darren Betts**Well Name: **SWDIF**Lab Tech: **Gary Peterson**Sample Point: **After production filter**Sample Date: **12/9/2011**Sample ID: **WA-204150**Scaling potential predicted using ScaleSoftPitzer from  
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	12/9/2011	Sodium (Na):	6799.09	Chloride (Cl):	10000.00
System Temperature 1 (°F):	300.00	Potassium (K):	26.10	Sulfate (SO4):	2.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	9.40	Bicarbonate (HCO3):	1024.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	26.80	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	24.20	Propionic Acid (C2H5COO)	0.00
pH:	8.20	Iron (Fe):	0.47	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	17913.62	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.70	Fluoride (F):	0.00
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Gas (%):	0.00	Manganese (Mn):	0.06	Silica (SiO2):	0.00
H2S in Water (mg/L):	10.00				

## Notes:

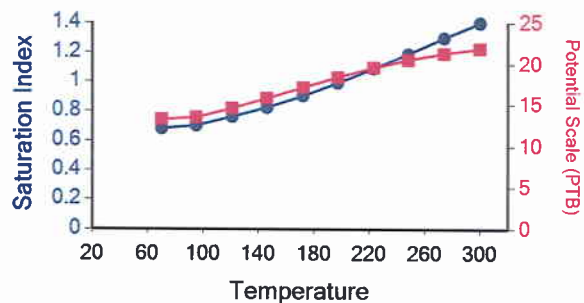
(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

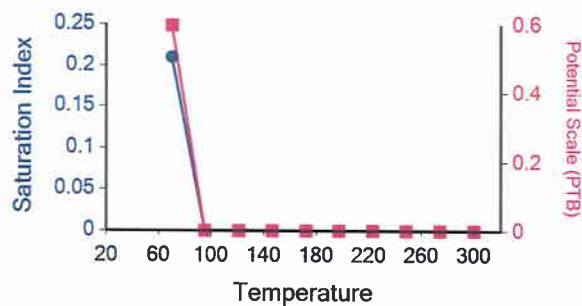
		Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.28	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.28	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.76	0.28	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.28	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.28	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

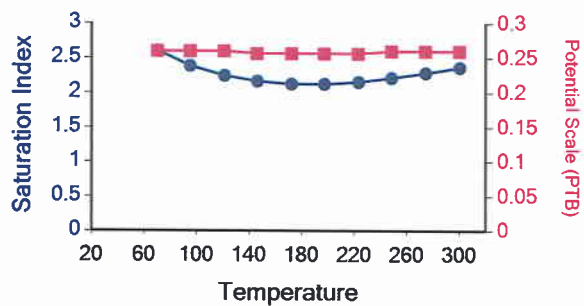
Calcium Carbonate



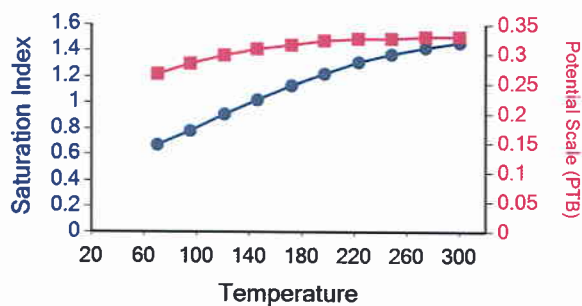
Barium Sulfate



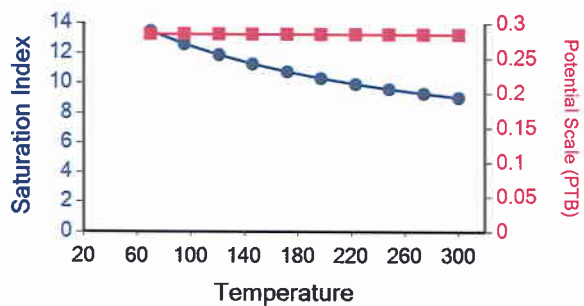
Iron Sulfide



Iron Carbonate



Lead Sulfide





## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Darren Betts**Well Name: **FEDERAL 11-13-9-16**Lab Tech: **Gary Peterson**

Sample Point:

Sample Date: **1/30/2012**Sample ID: **WA-206109**Scaling potential predicted using ScaleSoftPitzer from  
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations	mg/L	Anions	mg/L
Test Date:	1/30/2012	Sodium (Na):	6078.05	Chloride (Cl):	7600.00
System Temperature 1 (°F):	300.00	Potassium (K):	30.00	Sulfate (SO4):	40.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	9.50	Bicarbonate (HCO3):	3172.00
System Temperature 2 (°F):	70.00	Calcium (Ca):	12.40	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	2.80	Propionic Acid (C2H5COO)	0.00
pH:	8.10	Iron (Fe):	14.60	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	16961.52	Zinc (Zn):	0.67	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.00	Fluoride (F):	0.00
Dissolved CO2 (mg/L):	118.80	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Gas (%):	0.00	Manganese (Mn):	1.50	Silica (SiO2):	0.00
H2S in Water (mg/L):	40.00				

## Notes:

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.77	8.72	0.59	1.22	4.79	8.05	2.76	10.60	0.00	0.00	0.00	0.00	0.00	0.00	11.53	0.35
95	346	0.79	8.80	0.35	0.90	4.56	8.05	2.87	10.60	0.00	0.00	0.00	0.00	0.00	0.00	11.00	0.35
121	678	0.86	9.09	0.16	0.49	4.44	8.05	3.01	10.61	0.00	0.00	0.00	0.00	0.00	0.00	10.58	0.35
146	1009	0.94	9.39	0.01	0.05	4.37	8.05	3.13	10.61	0.00	0.00	0.00	0.00	0.00	0.00	10.24	0.35
172	1341	1.03	9.68	0.00	0.00	4.35	8.05	3.26	10.61	0.00	0.00	0.00	0.00	0.00	0.00	9.96	0.35
197	1673	1.14	9.95	0.00	0.00	4.38	8.05	3.37	10.61	0.00	0.00	0.00	0.00	0.00	0.00	9.72	0.35
223	2004	1.26	10.18	0.00	0.00	4.43	8.05	3.48	10.61	0.00	0.00	0.00	0.00	0.00	0.00	9.53	0.35
248	2336	1.39	10.36	0.00	0.00	4.52	8.05	3.58	10.61	0.00	0.00	0.00	0.00	0.00	0.00	9.38	0.35
274	2668	1.53	10.50	0.00	0.00	4.63	8.05	3.67	10.61	0.00	0.00	0.00	0.00	0.00	0.00	9.25	0.35
300	3000	1.68	10.60	0.00	0.00	4.75	8.05	3.75	10.62	0.00	0.00	0.00	0.00	0.00	0.00	9.15	0.35

		Hemihydrate CaSO4·0.5H2O		Anhydrite CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	1.11	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	1.40	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	1.66	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	1.89	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	2.08	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	2.25	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	2.39	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	2.49	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

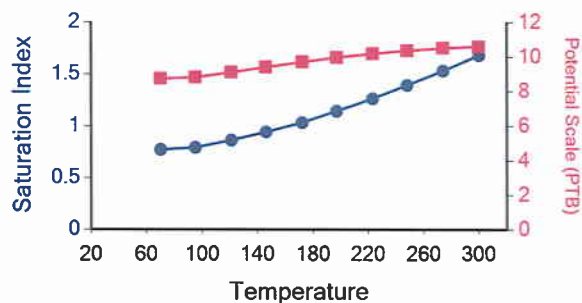
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate



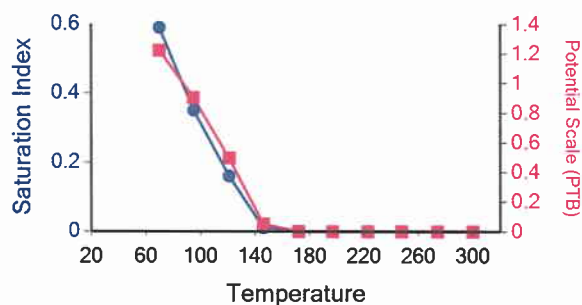
These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate

ATTACHMENT F  
4 of 4multi-chem®  
A HALLIBURTON SERVICE

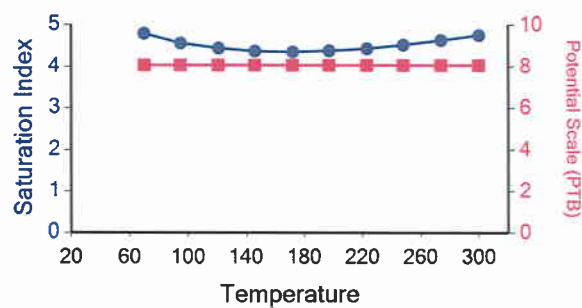
Calcium Carbonate



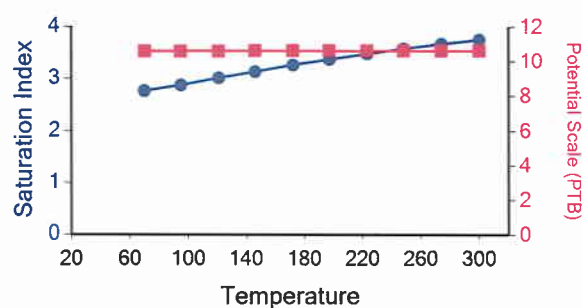
Barium Sulfate



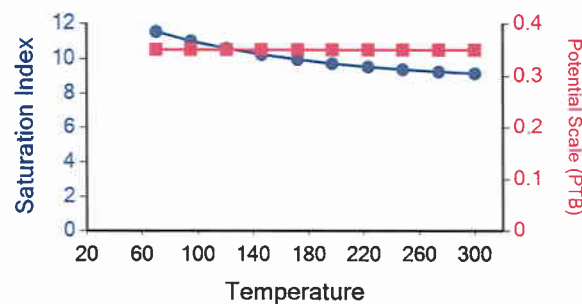
Iron Sulfide



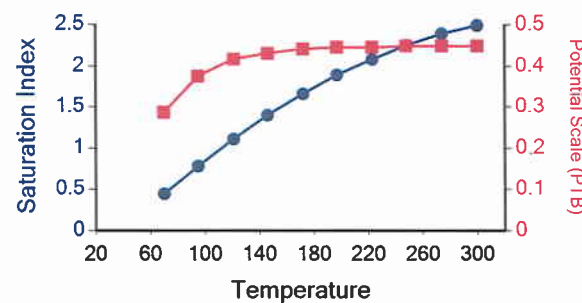
Iron Carbonate



Zinc Sulfide



Zinc Carbonate



**Attachment "G"**

**Federal #11-13-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5610	5634	5622	2300	0.84	2264
5361	5429	5395	2150	0.83	2115
4852	4944	4898	1950	0.83	1918
4776	4782	4779	1975	0.85	1944
4012	4020	4016	1700	0.86	1674
				<b>Minimum</b>	<u>1674</u>

**Calculation of Maximum Surface Injection Pressure**

Pmax = (Frac Grad -(0.433\*1.015)) x Depth of Top Perf  
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433\*Top Perf.))/Top Perf.

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



1 of 9

## DAILY COMPLETION REPORT

WELL NAME: Federal 11-13-9-16

Report Date: Dec. 6, 2005

Day: 01

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8-5/8' @ 306'

Prod Csg: 5-1/2" @ 5790'

Csg PBTD: 5730'WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD:

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP4 sds	5610-5614'	4/16
			CP4 sds	5628-5634'	4/24

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Dec. 5, 2005

SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5730' & cement top @ 34'. Perforate stage #1 W/ 4" ported guns as follows: CP4 sds @ 5610-14' & 5628-34'. All 4 JSPF in 1 run. RC WLT. SIFN W/ est 137 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 137

Starting oil rec to date:

Fluid lost/recovered today: 0

Oil lost/recovered today:

Ending fluid to be recovered: 137

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Weatherford BOP \$280

NPC NU crew \$300

NDSI trucking \$1,200

Perforators LLC \$5,457

Drilling cost \$229,346

Zubiate HO trk \$350

Location preparation \$300

NPC wellhead \$1,500

Benco - anchors \$1,200

Admin. Overhead \$3,000

NPC Supervisor \$300

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Gary Dietz

DAILY COST: \$243,233

TOTAL WELL COST: \$243,233



2 of 9

## DAILY COMPLETION REPORT

WELL NAME: Federal 11-13-9-16

Report Date: Dec. 10, 2005

Day: 02

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8-5/8' @ 306'

Prod Csg: 5-1/2" @ 5790'

Csg PBTD: 5730'WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD:

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP4 sds	5610-5614'	4/16
			CP4 sds	5628-5634'	4/24

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Dec. 9, 2005

SITP: SICP: 0

## Day 2(a):

NU BJ Services "Ram head" frac flange. RU BJ & frac stage #1 (CP4 sds) W/ 40,198# 20/40 sand in 394 bbls Lightning frac 17 fluid. Perfs broke down @ 3900 psi. Treated @ ave press of 1702 psi W/ ave rate of 24.7 BPM. ISIF - 2300 psi. Leave pressure on well. Spotted 12 bbls 15% HCL acid in flush to cover stage #2. Est 531 BWTR.

See day 2(b)

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 137

Starting oil rec to date:

Fluid lost/recovered today: 394

Oil lost/recovered today:

Ending fluid to be recovered: 531

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: CP4 sands

3200 gals of pad

2500 gals W/ 1-5 ppg of 20/40 sand

5245 gals W/ 5-8 ppg of 20/40 sand

Flush W/ 117 gals of slick water

Flush W/ 504 gals of 15% HCL acid

Flush W/ 5007 gals of slick water

## COSTS

Weatherford BOP \$280

Betts frac wtr \$800

NPC fuel gas \$200

BJ Services - CP4 sds \$18,936

Weatherford service \$975

NPC supervision \$150

\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\*

Max TP: 2526 Max Rate: 25 BPM Total fluid pmpd: 394 bbls

Avg TP: 1702 Avg Rate: 24.7 BPM Total Prop pmpd: 40,198#

ISIP: 2300 5 min: 10 min: FG: .84

Completion Supervisor: Gary Dietz

DAILY COST: \$21,341

TOTAL WELL COST: \$264,574

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## DAILY COMPLETION REPORT

WELL NAME: Federal 11-13-9-16

Report Date: Dec. 10, 2005

Day: 02

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8-5/8' @ 306' Prod Csg: 5-1/2" @ 5790' Csg PBTD: 5730'WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5550'  
 BP/Sand PBTD: 5060'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP4 sds	5610-5614'	4/16
			CP4 sds	5628-5634'	4/24
A1 sds	4938-4944'	4/24			
CP1 sds	5361-5369'	4/32			
CP1 sds	5387-5394'	4/28			
CP2 sds	5423-5429'	4/24			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Dec. 9, 2005

SITP: SICP: 1500

## Day 2(b):

RU Lone Wolf WLT, crane & lubricator. Run Weatherford 5 1/2" composite flow-through frac plug & 3-3 1/8" slick perf guns. Set plug @ 5550' Perf stage #2 W/ 4 JSPF as follows: CP2 sds @ 5423-29' and CP1 sds @ 5361-69' & 5387-94'. 2 runs total. RU BJ Services & frac stage #2 W 95,683# 20/40 sand in 703 bbls Lightning frac 17 fluid. Perfs broke down @ 4271 psi (on 5th attempt). Treated @ ave press of 1593 psi W/ ave rate of 24.7 BPM. ISIP-2150 psi. Leave pressure on well. Spotted 12 bbls 15% HCL acid in flush to cover stage #3. RU Lone Wolf WLT & run Weatherford frac plug & 1-3 1/8" perf gun. Set plug @ 5060'. Perf stage #3 W/ 4 JSPF as follows: A1 sds @ 4938-44'. All 1 run. RU BJ to frac stage #3. Perfs will not break down after several attempts. Shut well in W/ 4200 psi and let acid soak overnight. Est 1234 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 531 Starting oil rec to date:  
 Fluid lost/recovered today: 703 Oil lost/recovered today:  
 Ending fluid to be recovered: 1234 Cum oil recovered:  
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Lightning 17	Job Type: Sand frac	Weatherford frac plugs	\$4,800
Company: BJ Services		Betts frac wtr	\$1,520
Procedure or Equipment detail: CP1 & CP2 sands		NPC fuel gas	\$250
7200 gals of pad		BJ Services-CP1 & 2 sds	\$20,312
4944 gals W/ 1-5 ppg of 20/40 sand		LWWL-CP1 & 2, A1	\$7,500
9872 gals W/ 5-8 ppg of 20/40 sand		NPC supervision	\$150
gals W/ 8 ppg of 20/40 sand			
Flush W/ 97 gals of slick water			
Flush W/ 504 gals of 15% HCL acid			
Flush W/ 4775 gals of slick water			
**Flush called @ blender--includes 2 bbls pump/line volume**			
Max TP: 2473	Max Rate: 25 BPM	Total fluid pmpd: 703 bbls	
Avg TP: 1593	Avg Rate: 24.7 BPM	Total Prop pmpd: 95,683#	
ISIP: 2150	5 min:	10 min:	FG: .83
Completion Supervisor: Gary Dietz		DAILY COST:	\$34,532
		TOTAL WELL COST:	\$299,106



## DAILY COMPLETION REPORT

WELL NAME: Federal 11-13-9-16

Report Date: Dec. 11, 2005

Day: 03

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8-5/8' @ 306'

Prod Csg: 5-1/2" @ 5790'

Csg PBTD: 5730'WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 5550'

BP/Sand PBTD: 5060'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP4 sds	5610-5614'	4/16
			CP4 sds	5628-5634'	4/24
A1 sds	4938-4944'	4/24			
CP1 sds	5361-5369'	4/32			
CP1 sds	5387-5394'	4/28			
CP2 sds	5423-5429'	4/24			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Dec. 10, 2005

SITP: SICP: 897

## Day 3(a):

Thaw wellhead & BOP W/ HO trk. SICP @ 897 psi. RU BJ Services. Perfs broke down @ 4044 psi. Frac stage #3 (A1 sds) W/ 20,953# 20/40 sand in 278 bbls Lightning Frac 17 fluid. Treated @ ave press of 1972 psi W/ ave rate of 24.8 BPM. ISIP- 1950 psi. Spotted 12 bbls 15% HCL acid in flush to cover stage #4. Leave pressure on well. Es 1512 BWTR.

## See day 3(b)

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1234

Starting oil rec to date:

Fluid lost/recovered today: 278

Oil lost/recovered today:

Ending fluid to be recovered: 1512

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: A1 sands

378 gals to X-link

2000 gals of pad

1511 gals W/ 1-4 ppg of 20/40 sand

2836 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 84 gals of slick water

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4368 gals of slick water

\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\*

Max TP: 2322 Max Rate: 25.1 BPM Total fluid pmpd: 278 bbls

Avg TP: 1972 Avg Rate: 24.8 BPM Total Prop pmpd: 20,953#

ISIP: 1950 5 min: 10 min: FG: .83

Completion Supervisor: Gary Dietz

Weatherford BOP \$280

Betts frac wtr \$350

NPC fuel gas \$150

BJ Services-A1 sds \$8,361

Weatherford service \$975

Zubiate HO trk \$350

NPC supervision \$100

DAILY COST: \$10,566

TOTAL WELL COST: \$309,672



## DAILY COMPLETION REPORT

WELL NAME: Federal 11-13-9-16

Report Date: Dec. 11, 2005

Day: 03

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8-5/8' @ 306'

Prod Csg: 5-1/2" @ 5790'

Csg PBTD: 5730'WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 5550', 5060'

BP/Sand PBTD: 4880'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B1 sds	4776-4782'	4/24	CP4 sds	5610-5614'	4/16
A1 sds	4938-4944'	4/24	CP4 sds	5628-5634'	4/24
CP1 sds	5361-5369'	4/32			
CP1 sds	5387-5394'	4/28			
CP2 sds	5423-5429'	4/24			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Dec. 10, 2005

SITP: SICP: 1612

## Day 3(b):

RU Lone Wolf WLT, crane & lubricator. Run Weatherford 5 1/2" composite flow-through frac plug & 1-3 1/8" slick per gun. Set plug @ 4880'. Perf stage #4 W/ 4 JSPF as follows: B1 sds @ 4776-82'. All 1 run. RU BJ Services & frac stage #4 W/ 36,114# 20/40 sand in 380 bbls Lightning Frac 17 fluid. Perfs broke down @ 2914 psi. Treated @ ave press of 2210 psi W/ ave rate of 24.9 BPM. ISIP- 1975 psi. Spotted 12 bbls 15% HCL acid in flush to cover stage #5. Leave pressure on well. Est 1892 BWTR.

## See day 3(c)

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1512

Starting oil rec to date:

Fluid lost/recovered today: 380

Oil lost/recovered today:

Ending fluid to be recovered: 1892

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail:

## B1 sands

3300 gals of pad

2431 gals W/ 1-4 ppg of 20/40 sand

4890 gals W/ 4-6.5 ppg of 20/40 sand

596 gals W/ 6.5 ppg of 20/40 sand

Flush W/ 420 gals of slick water

Flush W/ 504 gals of 15% HCL acid

Flush W/ 3822 gals of slick water

\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\*

Max TP: 2313 Max Rate: 25.3 BPM Total fluid pmpd: 380 bbls

Avg TP: 2210 Avg Rate: 24.9 BPM Total Prop pmpd: 36,114#

ISIP: 1975 5 min: 10 min: FG: .85

Completion Supervisor: Gary Dietz

Weatherford frac plug \$2,400

Betts frac wtr \$450

NPC fuel gas \$150

BJ Services-B1 sds \$11,032

Lone Wolf WL - B1 sds \$3,800

NPC supervision \$100

DAILY COST: \$17,932

TOTAL WELL COST: \$327,604





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## DAILY COMPLETION REPORT

WELL NAME: Federal 11-13-9-16

Report Date: Dec. 11, 2005

Day: 03

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8-5/8' @ 306'

Prod Csg: 5-1/2" @ 5790'

Csg PBTD: 5730'WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 5550', 5060'

BP/Sand PBTD: 4880', 4130'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4012-4020'	4/32	CP4 sds	5610-5614'	4/16
B1 sds	4776-4782'	4/24	CP4 sds	5628-5634'	4/24
A1 sds	4938-4944'	4/24			
CP1 sds	5361-5369'	4/32			
CP1 sds	5387-5394'	4/28			
CP2 sds	5423-5429'	4/24			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Dec. 10, 2005

SITP: SICP: 1665

## Day 3(c):

RU Lone Wolf WLT & run Weatherford 5 1/2" composite flow-through frac plug & 1-3 1/8" slick perf gun. Set plug @ 4130'. Perf stage #5 W/ 4 JSPF as follows: GB4 sds @ 4012-20'. All 1 run. RU BJ Services & frac stage #5 W 19,329# 20/40 sand in 268 bbls Lightning Frac 17 fluid. Perfs broke down @ 2784 psi. Treated @ ave press of 1347 psi W/ ave rate of 14.3 BPM. ISIP- 1700 psi. RD BJ & WLT. Begin immediate flowback of fracs on 12/64 choke @ 1 BPM. Zones flowed 6 hrs & died. Rec est 310 BTF (est 15% of combined frac load of 2023 bbls). SIFN W/ est 1850 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1892

Starting oil rec to date:

Fluid lost/recovered today: 42

Oil lost/recovered today:

Ending fluid to be recovered: 1850

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: GB4 sands

2500 gals of pad

1915 gals W/ 1-4 ppg of 20/40 sand

2915 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 3927 gals of slick water

## COSTS

Weatherford frac plug \$2,400

Betts frac wtr \$450

NPC fuel gas \$150

BJ Services-GB4 sds \$8,663

Lone Wolf WL-GB4 sd \$3,900

NPC flowback hand \$250

Betts wtr transfer \$400

Unichem chemicals \$300

NPC supervision \$100

Max TP: 1403 Max Rate: 14.5 BPM Total fluid pmpd: 268 bbls

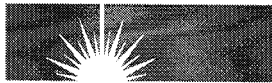
Avg TP: 1347 Avg Rate: 14.3 BPM Total Prop pmpd: 19,329#

ISIP: 1700 5 min: 10 min: FG: .86

Completion Supervisor: Gary Dietz

DAILY COST: \$16,613

TOTAL WELL COST: \$344,217



## DAILY COMPLETION REPORT

WELL NAME: Federal 11-13-9-16

Report Date: Dec. 13, 2005

Day: 04

Operation: Completion

Rig: NC #3

## WELL STATUS

Surf Csg: 8-5/8' @ 306' Prod Csg: 5-1/2" @ 5790' Csg PBTD: 5730'WL  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 4144' BP/Sand PBTD: 5550', 5060'  
 BP/Sand PBTD: 4880'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4012-4020'	4/32	CP4 sds	5610-5614'	4/16
B1 sds	4776-4782'	4/24	CP4 sds	5628-5634'	4/24
A1 sds	4938-4944'	4/24			
CP1 sds	5361-5369'	4/32			
CP1 sds	5387-5394'	4/28			
CP2 sds	5423-5429'	4/24			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Dec. 12, 2005

SITP: SICP: 100

MIRU NC #3. Thaw wellhead & BOP W/ HO trk. Bleed pressure off well. Rec est 15 BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ usec Weatherford 4 3/4" "chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 4023'. Tbg displaced 10 BW on TIH RU power swivel. C/O sd to composite bridge plug @ 4130'. Drill out plug in 32 minutes. Circ hole clean W/ no fluid loss. RD swivel. SIFN W/ EOT @ 4144'. Est 1825 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1850 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 25 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 1825 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

## STIMULATION DETAIL

## COSTS

Base Fluid used: Job Type: \_\_\_\_\_

Company: \_\_\_\_\_

Procedure or Equipment detail: \_\_\_\_\_

NC #3 rig	\$2,813
Weatherford BOP(X2)	\$280
D & M HO trk	\$200
NDSI trucking	\$1,000
NPC trucking	\$300
NDSI wtr & truck	\$400
Aztec - new J55 tbg	\$28,929
Four Star swivel	\$750
NPC sfc equipment	\$130,000
Boren labor/welding	\$19,500
Mt. West sanitation	\$550
Monks pit reclaim	\$1,800
NPC supervision	\$300
<b>DAILY COST:</b>	<b>\$186,822</b>
<b>TOTAL WELL COST:</b>	<b>\$531,039</b>

Max TP: Max Rate: Total fluid pmpd: \_\_\_\_\_

Avg TP: Avg Rate: Total Prop pmpd: \_\_\_\_\_

ISIP: 5 min: 10 min: FG: \_\_\_\_\_

Completion Supervisor: Gary Dietz



## DAILY COMPLETION REPORT

WELL NAME: Federal 11-13-9-16

Report Date: Dec. 14, 2005

Day: 05

Operation: Completion

Rig: NC #3

## WELL STATUS

Surf Csg: 8-5/8' @ 306' Prod Csg: 5-1/2" @ 5790' Csg PBTD: 5758'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 4096' BP/Sand PBTD: 5746'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4012-4020'	4/32	CP4 sds	5610-5614'	4/16
B1 sds	4776-4782'	4/24	CP4 sds	5628-5634'	4/24
A1 sds	4938-4944'	4/24			
CP1 sds	5361-5369'	4/32			
CP1 sds	5387-5394'	4/28			
CP2 sds	5423-5429'	4/24			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Dec. 13, 2005

SITP: 0 SICP: 0

Thaw wellhead, BOP & tbg stump W/ HO trk. Con't PU & TIH W/ bit & tbg f/ 4144'. Tag fill @ 4640'. RU power swivel. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4640', plug @ 4880' in 36 minutes; sd @ 5055', plug @ 5060' in 29 minutes; sd @ 5520', plug @ 5550' in 32 minutes. Con't swivelling jts in hole. Tag fill @ 5690'. Drill plug remains & sd to 5746' (lack 12' mf/ PBTD @ 5758'). Circ hole clear W/ no fluid loss. RD swivel. Pull EOT to 5655'. RU swab equipment. IFL @ sfc. Made 11 swb runs rec 110 BTF W tr oil, light gas & no sd. FFL @ 3000'. TIH W/ tbg. Tag sd @ 5743' (3' new fill). C/O sd to 5746'. Circ hole clean. Lost est 70 BW & rec tr oil. LD excess tbg. TOH W/ tbg to 4096'. SIFN W/ est 1785 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1825 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 40 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 1785 Cum oil recovered: \_\_\_\_\_  
 IFL: sfc FFL: 3000' FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: tr

## STIMULATION DETAIL

## COSTS

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_

Company: \_\_\_\_\_

Procedure or Equipment detail: \_\_\_\_\_

NC #3 rig	\$4,697
Weatherford BOP	\$140
NDSI HO trk	\$200
Four Star swivel	\$750
RNI wtr disposal	\$3,000
NPC location cleanup	\$300
CDI TA	\$525
CDI SN	\$80
NPC supervision	\$300

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_

Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_

ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_

Completion Supervisor: Gary Dietz

DAILY COST: \$9,992

TOTAL WELL COST: \$541,031



## DAILY COMPLETION REPORT

WELL NAME: Federal 11-13-9-16

Report Date: Dec. 15, 2005

Day: 06

Operation: Completion

Rig: NC #3

## WELL STATUS

Surf Csg: 8-5/8' @ 306' Prod Csg: 5-1/2" @ 5790' Csg PBTD: 5758'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Anchor @: 5582' BP/Sand PBTD: 5746'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4012-4020'	4/32	CP4 sds	5610-5614'	4/16
B1 sds	4776-4782'	4/24	CP4 sds	5628-5634'	4/24
A1 sds	4938-4944'	4/24			
CP1 sds	5361-5369'	4/32			
CP1 sds	5387-5394'	4/28			
CP2 sds	5423-5429'	4/24			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Dec. 14, 2005

SITP: 0 SICP: 0

Thaw wellhead, BOP & tbg stump W/ HO trk. Con't TOH W/ tbg f/ 4096'--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 172 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5582' W/ SN @ 5617' & EOT @ 5682'. Land tbg W/ 15,000# tension. NU wellhead. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 14' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 109-3/4" plain rods, 100-3/4" scraped rods, 1-6', 1-4' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1785 BWTR.

Place well on production @ 2:00 PM 12/14/2005 W/ 86" SL @ 6 SPM.

FINAL REPORT!!

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1785 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 0 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 1785 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

## TUBING DETAIL

## ROD DETAIL

## COSTS

TUBING DETAIL	ROD DETAIL	COSTS
KB 10.00'	1 1/2" X 22' polished rod	NC #3 rig \$2,543
172 2 7/8 J-55 tbg (5571.73')	1-6', 1-4' & 1-2' X 3/4" ponies	Weatherford BOP \$140
TA (2.80' @ 5581.73' KB)	100-3/4" scraped rods	NDSI HO trk \$400
1 2 7/8 J-55 tbg (32.55')	109-3/4" plain rods	NPC trucking \$300
SN (1.10' @ 5617.08' KB)	10-3/4" scraped rods	CDI rod pump \$1,325
2 2 7/8 J-55 tbg (63.62')	6-1 1/2" weight rods	"A" grade rod string \$11,401
2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 14'	NPC frac tks(6X6 dys) \$1,440
EOT 5682.25' W/ 10' KB	RHAC pump W/ SM plunger	NPC swb tk (3 days) \$120
		NPC frac head \$500
		NPC supervision \$300

DAILY COST: \$18,469

Completion Supervisor: Gary Dietz

TOTAL WELL COST: \$559,500

## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 3962'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 177' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 357'

The approximate cost to plug and abandon this well is \$42,000.

## Federal 11-13-9-16

Spud Date: 10/31/05  
Put on Production: 12/14/05  
GL: 5444' KB:5454'

Initial Production: BOPD 51,  
MCFD 39, BWPD 28

### Proposed P & A Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (296.83')  
DEPTH LANDED: 306.83' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sx Class "G" mixed cmt, est 2 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts. (5791.7')  
DEPTH LANDED: 5789.7' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sx Prem. Lite II mixed & 450 sx 50/50 POZ mix.  
CEMENT TOP AT: 34'

Cement Top @ 34'

Pump 43 sx Class "G" Cement down 5-1/2" casing to 357'

Casing shoe @ 307'

120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1448'-1568')

177' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2644'-2821')

100' (12 sx) Class G Cement plug on top of CIBP  
CIBP @ 3962'  
4012'-4020'

4776'-4782'

4938'-4944'

5361'-5369'

5387'-5394'

5423'-5429'

5610'-5614'

5628'-5634'

PBTD @ 5758'

TD @ 5800'

**NEWFIELD**

**Federal 11-13-9-16**

1855' FSL & 2103' FWL

NE/SW Section 13-T9S-R16E

Duchesne County, Utah

API #43-013-32652; Lease #UTU-64805

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1855 FSL 2103 FWL

NESW Section 13 T9S R16E

5. Lease Serial No.

UTU-64805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

FEDERAL 11-13-9-16

9. API Well No.

4301332652

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jill Loyle

Signature

Title

Regulatory Technician

Date

03/23/2012

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 18 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)





11-13-9-16  
=

8

March 23, 2012

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

43-013-32652

RE: Permit Application for Water Injection Well  
Federal #11-13-9-16  
Monument Butte Field, Lease #UTU-64805  
Section 13-Township 9S-Range 16E  
Duchesne County, Utah

NESW

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #11-13-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long, sweeping horizontal line extending to the right.

Eric Sundberg  
Regulatory Lead

RECEIVED  
MAR 28 2012  
DIV. OF OIL, GAS & MINING



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

January 31, 2013

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 11-13-9-16, Section 13, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32652

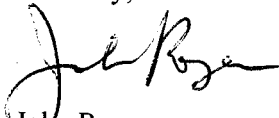
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,791 feet in the Federal 11-13-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

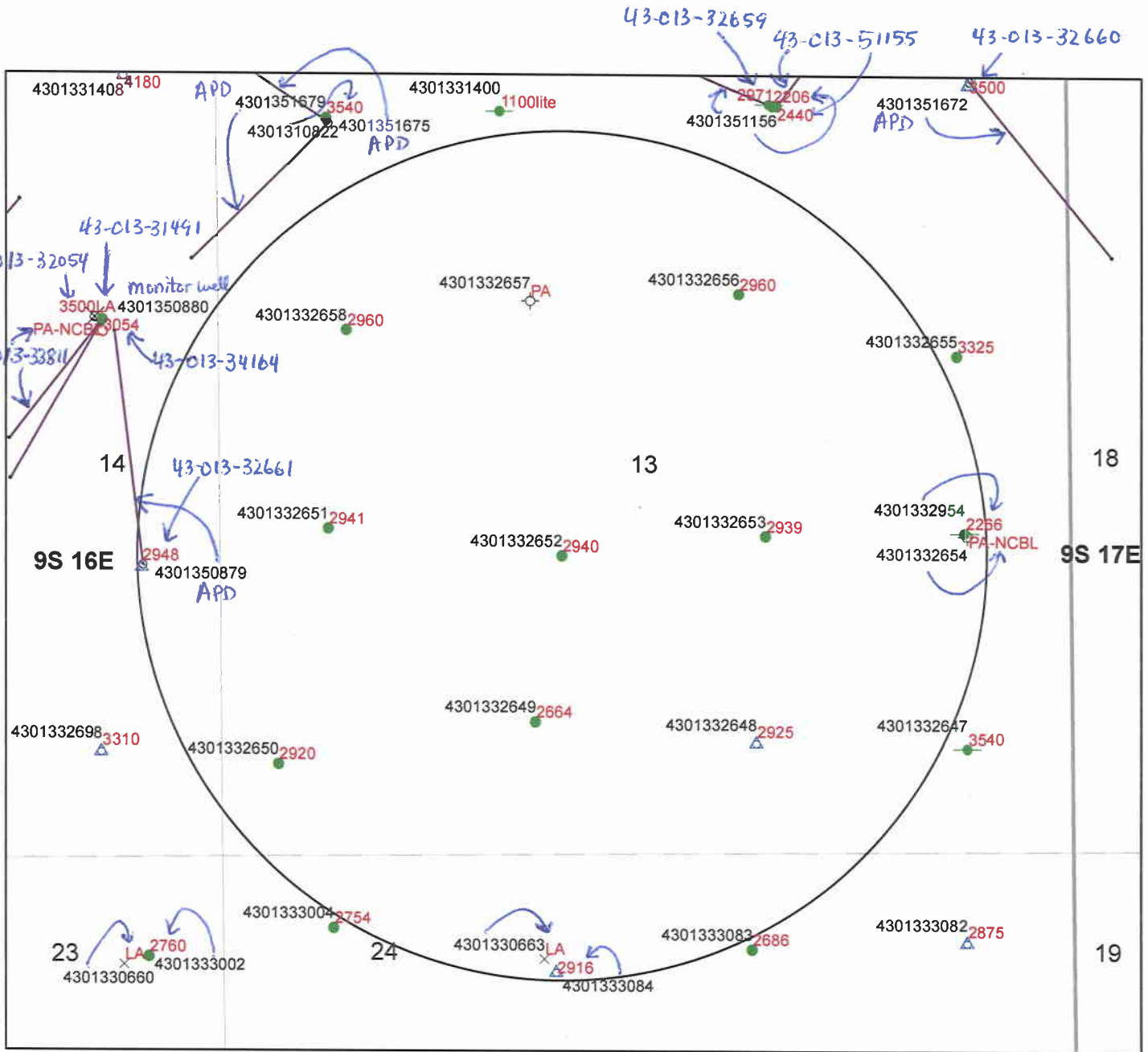
  
John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





### Legend

#### Oil & Gas Well Type

- APD-Approved Permit
- ⊙ DRL-Spudded (Drilling Commenced)
- ⊙ GIW-Gas Injection Well
- <sub>GS</sub> GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⊙ PGW-Producing Gas Well
- POW-Producing Oil Well
- ▲ RET-Returned APD
- ⊙ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊙ TA-Temp Abandoned
- TW-Test Well
- ⊙ WDW-Water Disposal Well
- △ WIW-Water Injection Well
- WSW-Water Supply Well

## Cement Bond Tops Federal 11-13-9-16 API #43-013-32652 UIC-390.2

0 0.05 0.1 0.2 0.3 0.4 Miles



- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company

**Well:** Federal 11-13-9-16

**Location:** 13/9S/16E

**API:** 43-013-32652

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 307 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,790 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,940 feet. A 2 7/8 inch tubing with a packer will be set at 3,962 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (1/30/2013), based on surface location, there are 7 producing wells, 3 injection wells, and 2 P/A wells in the AOR. In addition, there is 1 surface location inside the AOR, from which a directional well will be drilled to a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2200 feet. Injection shall be limited to the interval between 3,791 feet and 5,758 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 11-13-9-16 well is 0.86 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,674 psig. The requested maximum pressure is 1,674 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Federal 11-13-9-16**

page 2

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 4/12/2012 (rev. 1/30/2013)

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17<sup>th</sup> Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 12-23-9-15 well located in NW/4 SW/4, Section 23, Township 9 South, Range 15 East  
API 43-013-32830  
Ashley Federal 10-24R-9-15 well located in NW/4 SE/4, Section 24, Township 9 South, Range 15 East  
API 43-013-15781  
Ashley Federal 14-24-9-15 well located in SE/4 SW/4, Section 24, Township 9 South, Range 15 East  
API 43-013-32821  
Ashley Federal 16-24-9-15 well located in SE/4 SE/4, Section 24, Township 9 South, Range 15 East  
API 43-013-32944  
Ashley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32884  
Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32900  
Monument Federal 33-6-9-16Y well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East  
API 43-013-31589  
Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32652  
Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33162  
Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-33148  
Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33085  
Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33340  
Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East  
API 43-013-33352


The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of April, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill  
Permitting Manager



**Newfield Production Company**

**ASHLEY FEDERAL 12-23-9-15, ASHLEY FEDERAL 10-24R-9-15, ASHLEY FEDERAL 14-24-9-15,  
ASHLEY FEDERAL 16-24-9-15, ASHLEY FEDERAL 4-25-9-15, ASHLEY FEDERAL 4-26-9-15,  
MONUMENT FEDERAL 33-6-9-16Y, FEDERAL 11-13-9-16, FEDERAL 15-19-9-16, FEDERAL 13-22-9-16,  
FEDERAL 7-24-9-16, FEDERAL 11-24-9-16, FEDERAL 3-27-9-16**

**Cause No. UIC-390**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

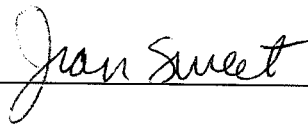
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [legals@ubstandard.com](mailto:legals@ubstandard.com)

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

  
\_\_\_\_\_

**From:** "Fultz, Mark" <naclegal@mediaoneutah.com>  
**To:** <jsweet@utah.gov>  
**Date:** 4/11/2012 10:09 AM  
**Subject:** Legal Notice  
**Attachments:** OrderConf.pdf

AD# 783810  
Run Trib/DNews - 4/14  
Cost \$293.96  
Thank you  
Mark

## Order Confirmation for Ad #0000783810-01

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	██████████	<b>Payor Account</b>	██████████
<b>Address</b>	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	<b>Payor Address</b>	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>EMail</b>	earlenerussell@utah.gov	Jean	mfultz

<b>Total Amount</b>	<b>\$293.96</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$293.96</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1
<b>Payment Method</b>		<b>PO Number</b>	UIC-390	

**Confirmation Notes:**  
**Text:** Jean

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 86 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	04/14/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	04/14/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	04/14/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	04/14/2012	

### Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Units:

Ashley Federal 12-23-9-15 well located in NW/4 SW/4, Section 23, Township 9 South, Range 15 East

API 43-013-32830

Ashley Federal 10-24R-9-15 well located in NW/4 SE/4, Section 24, Township 9 South, Range 15 East

API 43-013-15781

Ashley Federal 14-24-9-15 well located in SE/4 SW/4, Section 24, Township 9 South, Range 15 East

API 43-013-32821

Ashley Federal 16-24-9-15 well located in SE/4 SE/4, Section 24, Township 9 South, Range 15 East

API 43-013-32944

Ashley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Township 9 South, Range 15 East

API 43-013-32884

Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East

API 43-013-32900

Manament Federal 33-6-9-16Y well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East

API 43-013-31589

Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East

API 43-013-32652

Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East

API 43-013-33162

Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East

API 43-013-33148

Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East

API 43-013-33085

Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East

API 43-013-33340

Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East

API 43-013-33352

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of April, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

/s/

Brad Hill

Permitting Manager

783810

UPAXLP



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 10, 2012

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-390

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-390**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 4/12/2012 12:15 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-390

---

On 4/10/2012 1:40 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:  
Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

Hello. It will be in the April 17th edition.  
Thank you,  
Cindy



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 10, 2012

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-390

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

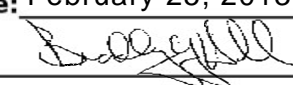
Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-64805
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 11-13-9-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1855 FSL 2103 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 13 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013326520000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/19/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>		
The subject well has been converted from a producing oil well to an injection well on 02/19/2013. On 02/19/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/19/2013 the casing was pressured up to 1775 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.		
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> February 25, 2013 <b>By:</b> 		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 2/21/2013



# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 2/19/13 Time 2:30 am ☒ pm  
Test Conducted by: Cody Marx  
Others Present: \_\_\_\_\_

Well: Federal H-13-9-16

Field: Monument Butte

Well Location: NE/SW SEC. 13, T9S, R16E  
Duchesne County, Utah

API No: 43-013-32652

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1775</u>	psig
5	<u>1775</u>	psig
10	<u>1775</u>	psig
15	<u>1775</u>	psig
20	<u>1775</u>	psig
25	<u>1775</u>	psig
30 min	<u>1775</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result: ☒ Pass ☐ Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Cody Marx





## Daily Activity Report

Format For Sundry

**FEDERAL 11-13-9-16**

**12/1/2012 To 4/28/2013**

**2/14/2013 Day: 1**

**Conversion**

NC #2 on 2/14/2013 - MIRUSU, L/D Rods On Float - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, MIRUSU, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Flush Rods W/- 40 Bbls Wtr, Re-Seat Rod Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 11 Bbls Wtr To Fill, L/D 1 1/2" x 22' Polished Rod (Bad), 1- 2', 1- 4', 1- 6' x 3/4" Pony Subs, 100- 3/4" Guided Rods, 100- 3/4" Plain Rods (2 Bad), 19- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, Rod Pmp, Pmp 20 Bbsl Wtr On TOH, X - Over For Tbg, SWI, CSDFN @ 6:30 PM, 6:30 To 7:00 PM C/Trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$8,617

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**2/15/2013 Day: 2**

**Conversion**

NC #2 on 2/15/2013 - POOH W/- Tbg, Breaking & Doping Every Collar - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/D Wellhead, R/U Weatherford BOPS, Release TA, R/U Sandline, RIH & Tag Fill, Tag Fill @ 5746', No New Fill On PBTD, R/D Sandline, POOH W/- 90- Jts Tbg, SWI, CSDFN @ 5:30 PM, 5:30 To 6:00 PM C/Trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$16,262

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**2/19/2013 Day: 3**

**Conversion**

NC #2 on 2/19/2013 - Finish POOH W/- Tbg, Breaking & Doping Collars, TIH W/- Pkr, Pressure Test Tbg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 33- Jts Tbg Breaking & Doping Every Collar, L/D 53- Jts Tbg On Float, P/U & TIH W/- 2 3/8" Wireline Re-Entry Guide, 2 3/8" W/- 1.875 "XN" Profile Nipple, 4' x 2 3/8" Tbg Sub, 2 3/8" x 2 7/8" Cross Over, 5 1/2" Arrowset Pkr, 2 7/8" W/- 1.875 "X" Profile Nipple, SN, 122- Jts Tbg, Drop Stnd Vlve, Pressure Test Tbg To 3,000 Psi, Hold For 1 Hr, Good Test, Had To Bump Up A Couple Of Times, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg, Pmp 70 Bbls Fresh Wtr W/- Pkr Fluid, R/D Inj. Tree, Set Pkr, R/U Inj. Tree, Pressure Test Csg To 1,500 Psi, Hold Over Night, SWI, CSDFN @ 6:30 PM, 6:30 To 7:00 PM C/Trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$34,104

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**2/20/2013 Day: 4**

**Conversion**

NC #2 on 2/20/2013 - Finish Pressure Testing Csg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off To 1,300 Psi, R/U H/Oiler To Csg, Pmp Back Up To 1,500 Psi, Hold For 1 Hr, Good Test, R/D NC #2, Well Ready For MIT.

**Daily Cost:** \$0

**Cumulative Cost:** \$37,415

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**2/21/2013 Day: 5**

**Conversion**



Rigless on 2/21/2013 - Conduct initial MIT - On 02/19/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/19/2013 the casing was pressured up to 1775 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$66,749

---

**Pertinent Files:** [Go to File List](#)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-64805			
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  			
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)			
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 11-13-9-16			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1855 FSL 2103 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 13 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013326520000			
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE			
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/1/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION          OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 11:30 AM on 03/01/2013.</p> </div> <div style="width: 35%; text-align: right;"> <p><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p><b>Date:</b> March 12, 2013</p> <p><b>By:</b> </p> </div> </div>					
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto		<b>PHONE NUMBER</b> 435 646-4874			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Water Services Technician			
<b>DATE</b> 3/5/2013					

Spud Date: 10/31/05  
Put on Production: 12/14/05  
GL: 5444' KB:5454'

## Federal 11-13-9-16

Initial Production: BOPD 51,  
MCFD 39, BWPD 28

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (296.83')  
DEPTH LANDED: 306.83' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sx Class "G" mixed cmt, est 2 bbls cmt to surf

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts. (5791.7')  
DEPTH LANDED: 5789.7' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sx Prem. Lite II mixed & 450 sx 50/50 POZ mix  
CEMENT TOP AT: 34'

#### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 122 jts (3950.3')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 3960.3' KB  
X NIPPLE AT: 3961.4'  
ARROW #1 PACKER CE AT: 3966.63'  
XO 2-3/8 x 2-7/8 J-55 AT: 3970.4'  
TBG PUP 2-3/8 J-55 AT: 3970.9'  
X/N NIPPLE AT: 3975.1'  
TOTAL STRING LENGTH EOT @ 3976.58'

Cement Top @ 34'  
Casing shoe @ 307'

SN @ 3960'  
XN @ 3961'  
Packer @ 3967'  
X/N Nipple @ 3975'  
EOT @ 3977'

4012'-4020'

4776'-4782'

4938'-4944'

5361'-5369'

5387'-5394'

5423'-5429'

5610'-5614'

5628'-5634'

PBTD @ 5758'

TD @ 5800'

#### FRAC JOB

12/09/05 5610'-5634' **Frac CP4 sands as follows:**  
40,198# 20/40 sand in 394 bbls lightning  
Frac 17 fluid. Treated @ avg press of 1702 psi  
w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc  
flush: 5608 gal. Actual flush: 5007 gal.

12/09/05 5361'-5429' **Frac CP1 & CP2 sands as follows:**  
95,683# 20/40 sand in 703 bbls lightning  
Frac 17 fluid. Treated @ avg press of 1593 psi  
w/avg rate of 24.7 BPM. ISIP 2150 psi. Calc  
flush: 5359 gal. Actual flush: 4775 gal.

12/10/05 4938'-4944' **Frac A1 sands as follows:**  
20,953# 20/40 sand in 278 bbls lightning  
Frac 17 fluid. Treated @ avg press of 1972 psi  
w/avg rate of 24.8 BPM. ISIP 1950 psi. Calc  
flush: 4936 gal. Actual flush: 4368 gal.

12/10/05 4776'-4782' **Frac B1 sands as follows:**  
36,114# 20/40 sand in 380 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2210psi  
w/avg rate of 24.9 BPM. ISIP 1975 psi. Calc  
flush: 4774 gal. Actual flush: 3822 gal.

12/10/05 4012'-4020' **Frac GB4 sands as follows:**  
19,329# 20/40 sand in 268 bbls lightning  
Frac 17 fluid. Treated @ avg press of 1347psi  
w/avg rate of 14.3 BPM. ISIP 1700 psi. Calc  
flush: 4010 gal. Actual flush: 3927 gal.

06/28/07 **Pump Change.** Update rod and tubing details.

02/19/13 **Convert to Injection Well**

02/19/13 **Conversion MIT Finalized** - update tbg  
detail

#### PERFORATION RECORD

12/05/05	5628'-5634'	4 JSPF	24 holes
12/05/05	5610'-5614'	4 JSPF	16 holes
12/09/05	5423'-5429'	4 JSPF	24 holes
12/09/05	5387'-5394'	4 JSPF	28 holes
2/09/05	5361'-5369'	4 JSPF	32 holes
12/09/05	4938'-4944'	4 JSPF	24 holes
2/10/05	4776'-4782'	4 JSPF	24 holes
12/10/05	4012'-4020'	4 JSPF	32 holes

**NEWFIELD**

Federal 11-13-9-16  
1855' FSL & 2103' FWL  
NE/SW Section 13-T9S-R16E  
Duchesne County, Utah  
API #43-013-32652; Lease #UTU-64805



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-390

**Operator:** Newfield Production Company  
**Well:** Federal 11-13-9-16  
**Location:** Section 13, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32652  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on January 31, 2013.
2. Maximum Allowable Injection Pressure: 1,674 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,791' – 5,758')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

2/28/2013  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC

